Set	Items	Description
S1	1649	DATA()(MINING OR SNOOPING OR DREDGING) OR KNOWLEDGE()(DISC-OVERY OR MANAGEMENT OR REUSE) OR KDD OR REPORTING SOFTWARE OR (TORTURING(1W)DATA(1W)UNTIL(1W)CONFESSES)
S2	7714	OLAM OR (ON(1W)LINE OR ONLINE)()ANALYTICAL()MINING OR AUTO-MATED(2W)DISCOVERY OR (BUSINESS OR DATA OR E)()ANALYTICS OR PATTERN()(FIND? OR LOCATE? OR PINPOINT? OR DETECT? OR DISCOVE-R? OR FOUND OR IDENTIF? OR RECOGNI?)
S3	1251778	INTEGRAT? OR WITHIN OR INSIDE OR CONTAINED OR CONTAINING OR CONTAINS OR COMPOSED OR MAKEUP OR BLEND? OR EMBEDD? OR INCOR-PORAT?
S4	1403067	QUESTION? ? OR QUERY OR QUERIES OR ASK? OR REQUEST? OR INQ-UIR? OR INTERROGAT?
S5	548226	INTERNET OR WWW OR WEB OR LAN OR WAN OR ELECTRONIC OR NET OR INTRANET OR ETHERNET OR EXTRANET OR ONLINE OR CYBER OR VIR-TUAL? OR DIGITAL?
S6	63	(S1 OR S2)(S)(S3(5N)S4) AND S5
S7	10	S6 AND IC=(G06F-017/30 OR G06F-007/00 OR G06F-000/00 OR G0-6F-001/00)
S8	368	(S1 OR S2)(S)((S3(5N)S4) AND S5) NOT S7
S9	1	((S1 OR S2)(10N)(S3(5N)S4)) AND S5 NOT S7
S10	117	(S1 OR S2)(10N)((S3(5N)S4) AND S5) NOT (S7 OR S9)
S11	1	(S1 OR S2)(10N)((S3(5N)S4)(S)S5) NOT (S7 OR S9)
S12	115	(((S1 OR S2)(5N)S3)(S)S5) NOT (S7 OR S9 OR S11)
S13	0	((((S1 OR S2)(5N)S3)(5N)S4)(S)S5) NOT (S7 OR S9 OR S11)
S14	228979	USER()INTERFACE? OR SOFTWARE? OR ROUTINE? ? OR COMPONENTWA-RE? OR LINKER? OR GUI OR (GRAPHIC? OR TEXT)(2N)(DISPLAY OR MA-NIFEST? OR DEPICT? OR SHOW? ?)
S15	30	(S1 OR S2)(10N)(S3(5N)S14)
S16	355	(S1 OR S2) AND (S3(5N)S4) AND (S5(5N)S14)
S17	38	(S1 OR S2)(S)(S3(5N)S4) AND (S5(5N)S14)
S18	30	S17 NOT (S7 OR S9 OR S11 OR S15)
S19	21	(S1 OR S2)(S)(S3(5N)S14) AND (S5(5N)S4) NOT (S7 OR S9 OR S-11 OR S15 OR S18)
S20	47	((S1 OR S2)(S)(S4(5N)S14) AND S3 AND S5) NOT (S7 OR S9 OR S11 OR S15 OR S18 OR S19)
S21	33	(((S1 OR S2)(5N)S3) AND (S4(5N)S14) AND S5) NOT (S7 OR S9 OR S11 OR S15 OR S18 OR S19 OR S20)

7/TI,PR/1   (Item 1 from file: 349)

METHOD AND APPARATUS FOR ANALYZING MANUFACTURING DATA
PROCEDE ET APPAREIL D'ANALYSE DE DONNEES DE FABRICATION
   Priority Application: US 2001308125 20010730; US 2001308124 20010730; US
      2001308123 20010730; US 2001308122 20010730; US 2001308121 20010730; US
      2001310632 20010803; US 2001309787 20010806

7/TI,PR/2   (Item 2 from file: 349)

SIMULTANEOUS   INTELLECTUAL   PROPERTY SEARCH AND VALUATION SYSTEM AND
      METHODOLOGY (SIPS-VSM)
RECHERCHE SIMULTANEE EN PROPRIETE INTELLECTUELLE ET SYSTEME ET METHODOLOGIE
      D'EVALUATION (SIPS-VSM)
   Priority Application: US 2001896238 20010629

7/TI,PR/3   (Item 3 from file: 349)

KNOWLEDGE PATTERN INTEGRATION SYSTEM
SYSTEME D'INTEGRATION DE MODELES DE CONNAISSANCES
   Priority Application: US 2000242098 20001020; US 2001764724 20010118

7/TI,PR/4   (Item 4 from file: 349)

MOLECULAR DATABASE FOR ANTIBODY CHARACTERIZATION
BASE DE DONNEES MOLECULAIRE POUR LA CARACTERISATION D'ANTICORPS
   Priority Application: US 2000193353 20000328

7/TI,PR/5   (Item 5 from file: 349)

SYSTEM FOR PROVIDING DYNAMIC DATA INFORMED CONSENT TO PROVIDE DATA PRIVACY
      AND SECURITY IN DATABASE SYSTEMS AND IN NETWORKED COMMUNICATIONS
SYSTEME BASE SUR UN CONSENTEMENT INFORME DYNAMIQUE DE DONNEES ASSURANT LA
      CONFIDENTIALITE DES DONNEES ET LA SECURITE DANS LES SYSTEMES DE BASE DE
      DONNEES ET DANS LES COMMUNICATIONS SUR RESEAU.
   Priority Application: US 99430331 19991029

7/TI,PR/6   (Item 6 from file: 349)

INFORMATION ACCESS
ACCES A UNE INFORMATION
   Priority Application: EP 99308748 19991103

7/TI,PR/7   (Item 7 from file: 349)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED
      ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR UNE ARCHITECTURE BASEE SUR
      LE COMMERCE ELECTRONIQUE
   Priority Application: US 99364734 19990730

7/TI,PR/8   (Item 8 from file: 349)

KNOWLEDGE MANAGEMENT SYSTEM FOR PERFORMING DYNAMIC DISTRIBUTED PROBLEM SOLVING
SYSTEME DE GESTION DE CONNAISSANCES DESTINE A UNE RESOLUTION REPARTIE ET DYNAMIQUE DE PROBLEMES
  Priority Application: US 99357785 19990721

 7/TI,PR/9   (Item 9 from file: 349)

SYSTEM AND METHOD FOR DOCUMENT MANAGEMENT BASED ON A PLURALITY OF KNOWLEDGE TAXONOMIES
SYSTEME ET PROCEDE DE GESTION DE DOCUMENTS BASES SUR PLUSIEURS TAXONOMIES DES CONNAISSANCES
  Priority Application: US 99139509 19990615

 7/TI,PR/10   (Item 10 from file: 349)

A COMPUTER-IMPLEMENTED PROJECT KNOWLEDGE MANAGEMENT FACILITY
SYSTEME INFORMATIQUE DE GESTION DES CONNAISSANCES RELATIVES A UN PROJET
  Priority Application: US 98107036 19981103; US 99118709 19990205

7/3,K/3   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00901325   **Image available**
KNOWLEDGE PATTERN INTEGRATION SYSTEM
SYSTEME D'INTEGRATION DE MODELES DE CONNAISSANCES
Patent Applicant/Assignee:
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Patent and Priority Information (Country, Number, Date):
   Patent: WO 200235392 A2 20020502 (WO 0235392)
   Application: WO 2001US32483 20011022 (PCT/WO US0132483)
   Priority Application: US 2000242098 20001020; US 2001764724 20010118
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
   CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
   KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
   SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
   (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
   (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 5618

Main International Patent Class: G06F-017/30
Fulltext Availability:
   Detailed Description

Detailed Description
... enable pattern query and integration is shown in Figure 4.

   This particular example demonstrates a web -based architecture, but it
   could also apply to client-server or stand-alone application
   architectures. A user's pattern integration task is captured by the web
   server and passed on to the application server by activating a servlet.
   The servlet passes...
...to the pattern integration engine that produces the integrated patterns
   using appropriate algorithms. Finally, the web server reports the
   integrated patterns back to the client.

   To illustrate the action of the...formats of the different databases.

   To expedite the data analysis and decision making process, an automated
      pattern   discovery template is set up for unsupervised execution
   against the available databases in regular intervals. The...

...from these analyses are annotated and stored in the pattern repository.
   The user then executes integration query requests against all
   available patterns that have resulted from the analyses. Under the
   Explanatory category of...

7/3,K/8   (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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EKD   March 13, 2003

00774505   **Image available**

KNOWLEDGE MANAGEMENT SYSTEM FOR PERFORMING DYNAMIC DISTRIBUTED PROBLEM SOLVING

SYSTEME DE GESTION DE CONNAISSANCES DESTINE A UNE RESOLUTION REPARTIE ET DYNAMIQUE DE PROBLEMES

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Legal Representative:
  CAPRIO Frank M, Lanier Ford Shaver & Payne P.C., P.O. Box 2087, Huntsville, AL 35804, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200108051 A1 20010201 (WO 0108051)
  Application: WO 2000US19636 20000719 (PCT/WO US0019636)
  Priority Application: US 99357785 19990721
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9502

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... a conventional knowledge base, a data base, a simulation, a software routine, a world wide **web** site, a real-time data stream (e.g., a sensor), a computational resource (e.g...a query from a meta agent 119 to all the knowledge agents 121 in the **knowledge management** system 100. The query content is generated from the solution plan developed by the meta...

...for use at appropriate points during inference execution. If the dynamic scheme is used, the **query** occurs during inference execution and **contains** instance values. The knowledge agents 121 that respond immediately execute the procedures they believe to...this example, the graphical user interface ("GLTI") 703 of the disclosed system 700 includes a **web** browser to provide the user with access to the system 700 via the **Internet** or other wide area network. The user interacts with the GUI 703 to formulate a...the knowledge management system 100 may be interconnected via available network services, such as the **Internet** , with other, similar systems to form a large scale, global system. The layered architecture of...

Claim
... from a group comprising: a knowledge-based system; a simulation; a database- a world wide **web** site; a real-time data stream; a computational resource; an interactive system; a data processing...

7/3,K/9   (Item 9 from file: 349)

00764264   **Image available**
SYSTEM AND METHOD FOR DOCUMENT MANAGEMENT BASED ON A PLURALITY OF KNOWLEDGE TAXONOMIES
SYSTEME ET PROCEDE DE GESTION DE DOCUMENTS BASES SUR PLUSIEURS TAXONOMIES DES CONNAISSANCES

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Legal Representative:
  GARRETT Arthur S, Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.,
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Patent and Priority Information (Country, Number, Date):
  Patent: WO 200077690 A1 20001221 (WO 0077690)
  Application: WO 2000US16444 20000615 (PCT/WO US0016444)
  Priority Application: US 99139509 19990615
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
  DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
  SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 31064

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Claims

Claim
... incorporated by
  reference in this application:
  U.S. Provisional Application No. 60/139,509, entitled " **Knowledge
  Management** Software System," bearing attorney docket no. 07569 00000.
  Field of the Invention
  This invention relates...

...decide to purchase in the future. In most cases, the answer to the
  customer's **question** exists somewhere **within** the enterprise. In other
  cases, the answer may have existed in the enterprise at one...

...One solution to this problem has been to replace the customer service
  representative with a **Web** site of product-unique or vendor-unique
  reference material. Whenever the customer has a question, he/she is
  referred to the **Web** site for the answer. Another possible approach is
  for the vendor to maintain an email...

...the quality of the customer's interaction and dehumanize the entire
  process. Some enterprises employ **Web** search engines in an effort to
  provide reliable access to relevant information in the enterprise (e.g.,

on a company's computer network). Unfortunately, because these **web** search engines check for particular textual content without the advantage of context or domain knowledge...system (generically, an "e-service portal") and method for the delivery of information resources including **electronic** content (documents, **online** communities, software applications, etc.) and physical sources (experts within the company, other customers, etc.) to...

...computer. The machines used for performing the operation of the present invention include general purpose **digital** computers or other similar computing devices. In addition, it should be understood that the programs ...used for different kinds of content and resources. Knowledge containers 20 can represent both rich **electronic** content (such as documents, answers to questions, marketing materials, etc.) and other physical and **electronic** resources (such as experts, customers, **online** communities of interest, software applications, etc.) The system uses a standard object-oriented inheritance model...

...provider, e-resource and product knowledge containers.
Knowledge Container Document
Type
Represents Some kind of **electronic** content, typically with a text component. Usage Represents documents, their content and their metadata. Knowledge...
...to a Knowledge Consumer knowledge container.
Knowledge Container E-Resource
Type
Represents Some kind of **electronic** resource
Usage Holds a description of and a link to an **electronic** resource, such as an **online** community of interest, a transactional **web** page, an application, a search engine, or any other addressable resource (e.g. addressable by...the appropriate content elements can be displayed. The knowledge container 20 additionally contains the original **electronic** form of the original content 80 (perhaps a Microsoft Word document, a PDF file, an...

...or multimedia content of a knowledge container, for example a slide presentation or a graphical **web** page. In addition to displaying knowledge containers 20, the present system is also capable of... closely-with a score over a predetermined threshold-are pushed to customers on their personal **web** pages, through email, or via email to other channels. As stated earlier, knowledge containers are...variety of other forms. As an example, a website providing customer service could contain different **web** pages that allow users to ask service questions about different product lines. For instance, one...
...through integration with a customer database, a customer relationship management (CRM) system, or other external **online** repositories. The next step in the autocontextualization process is to markup the content structure (step...ESP. A value of this process is in reducing the cost of bringing an ESP **online** , while simultaneously improving the quality of operation. The input into the knowledge map generation mechanism...

...is language 5 independent. That is, so long as the documents can be converted into **electronic** text, the process is also independent of document format and type. The second input into...application screen, can create an implicit profiling which drives the retrieval. For example, a particular **web** page or email address from which or to which a question is entered into the...twork and pi%,w inv,,Im. BUYI)HU,CT.COM an h, f,,mbn the **Web** at ira@d to help shape thi, ithm, ,no am retail powc NOM
The wl...1.37 industry-wide testing
1.37 industrywide testing
1.33 discount brokerage
1.32 **online** brokerage
1.30 Ameritrade Holding Corporation
1.27 Wall Street
1.26 **online** broker

...than minimum documentation to the extent that such documents are
included in the fields searched **Electronic** data base consulted during
the international search (name of data base and, where practical, search
...line 29
X WEN-SYAN LI ET AL: "PowerBookmarks: a 19-219
system for personalizable **Web** information 23,279
organization, sharing, and management" 299339
PROCEEDINGS OF THE ACM SIGMOD 41-43...

 7/3,K/10   **(Item 10 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00563449
A COMPUTER-IMPLEMENTED PROJECT KNOWLEDGE MANAGEMENT FACILITY
SYSTEME INFORMATIQUE DE GESTION DES CONNAISSANCES RELATIVES A UN PROJET
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Patent and Priority Information (Country, Number, Date):
  Patent: WO 200026822 A1 20000511 (WO 0026822)
  Application: WO 99US25948 19991103 (PCT/WO US9925948)
  Priority Application: US 98107036 19981103; US 99118709 19990205
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ
  TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM
  AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
  PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 30917

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
  Detailed Description
  Claims

English Abstract
  A method of creating a mode-driven **virtual** community (10) having at
  least one objective (12) includes accessing a collection of templates
  that constitute partial descriptions of respective elements of the
  virtual community. The collection of templates are instantiated to
  generate the elements of the **virtual** community. The elements of the
  virtual community specifying structural and behavioral constructs of a
  model (22) according to which the **virtual** community is structured. The
  instantiating of the collection of templates may be performed utilizing a
  decision framework (34) constructed utilizing input derived from
  participants (26) within an earlier **virtual** community instantiated
  utilizing the collection of templates. In an alternative embodiment,
  instantiating of the collection...

Detailed Description
... an aspect of the invention there is provided a method of
  creating a model-driven **virtual** community having at least one

EKD   March 13, 2003

objective. The method includes accessing a collection of templates that constitute partial descriptions of respective elements of the **virtual** community and instantiating the collection of templates to generate the elements of the **virtual** community, the elements of the **virtual** community specifying structural and behavioral constructs of a model according to which the **virtual** community is structured and operated to progress towards achievement of the at least one objective...

...be performed
utilizing a decision framework constructed utilizing input derived from participants within an earlier **virtual** community instantiated utilizing the collection of templates. In an alternative embodiment, instantiating of the collection...

...only partially
instantiated to generate a community template,, the community template being included within the **virtual** community.
The collection of templates may include a grouping template that holds first and second...

...first and second templates is coordinated to generate corresponding first and second elements of the **virtual** community. The use of first and second elements within the **virtual** community may furthermore the coordinated.

A purpose element of the **virtual** community that defines a reason for the existence of the **virtual** community may be instantiated.

An objective element of the **virtual** community that defines an objective of the **virtual** community may be instantiated in a further embodiment.

A measure element that facilitates measurement of progress of the **virtual** community toward achieving the objective defined by the objective element may be instantiated in a...

...A role element that defines responsibilities and access privileges of a community role within the **virtual** community may be instantiated in an even further embodiment.
A conversation ...only the primary
interaction channel.

A glossary element that specifies a shared vocabulary of the **virtual**
3
community may, in one embodiment, also be instantiated.

A setting element that defines a...

...specifying an ordered
sequence of access to multiple settings according to event occurrences within
the **virtual** community. The knowledge flow map element may also define a control flow specifying an ordered...

...based naming for participants within the setting.

A conversation element that facilitates communications within the **virtual** community outside the setting defined by the at least one setting element may optionally also...

...aspect of the present invention there is provided
a system for creating a model-driven **virtual** community having at least one
4
objective. The system includes a collection of templates that constitute partial
descriptions of respective elements of the **virtual** community and an

EKD   March 13, 2003

instantiation mechanism to facilitate instantiation of the collection of templates to generate the elements of the **virtual** community, the elements of the **virtual**
community specifying structural and behavioral constructs of a model according to which the **virtual** community is structured and operated to progress towards achievement of the at least one objective...

...a flow chart illustrating an exemplary method by which an application server may handle a **request** received form a client module **within** a network-based project **knowledge management** system.

Figure 8 is a flow chart illustrating an exemplary method by which an application server may construct a response to a client **request within** a
network-based project **knowledge management** system.
6
Figure 9 illustrates an exemplary response pattern in the form of an XML...

...a
client module processes a request received from an application server responsive to a client **request within** a network-based project **knowledge**
management system.

Figure 11 is a block diagram illustrating the structure of an exemplary setting object...based communication system, in one
exemplary embodiment of the present invention, provides a number of **virtual** contexts (or settings) within which the communication and interaction occur, defines participants for the communications...

...information among the contexts. Accordingly, a "project community" may be
viewed as a model-driven **virtual** community designed to support team communications, management and accountability of commitments, and learning.
The user...project element. Settings defined by a setting project element 22 may be "locations" of the **virtual** community within which team members can access and share.information, participate in shared applications, communicate...

...with respect to the achieving of certain objectives. Settings may also be locations of the **virtual** community in which team members may congregate for the purpose of social interaction. Examples of...an historical record of prior use of the project model in other project communities.

The **virtual** project community 10 also includes a decision framework element 34 that provides a specific description...possibly to a threaded list of commentaries) accessible from outside the community (for example, a **Web** page).

Access. A list of roles that give access permissions to this element. A role...relevant information either within the project community or accessible
from external sources, such as a **Web** site.

30
Templates. The name and associated project elements 66 or templates 64, defined in...namespace for a
setting to allow access both to external documents (for example, via the **Web**) and to internal project elements 66 stored in the project community persistent store. Expression of...Protocol (1-1TTP) 108 via a network (not shown) such as a
Local Area Network (**LAN**), a Wide Area Network (**WAN**) or the **Internet** . In

the situation where the client modules 102 access the servers 104 and 106 over the **Internet** , a **web** server (not shown) may front the application and replay servers 104 and 106, or the application server itself may provide the standard
function of a **web** server. In the exemplary embodiment of the present invention, the client modules 102 may exchange...

...104 on a periodic basis.

The client module 102 may itself be a commercially available **web** browser, a Java enabled browser, or a browser written in some other computer programming language...handler class is designated as the "default" class at step 211, which provides a classic **web** server. A determination is then made at decision box 213 whether the internal representation is...

...a default directory to get a specified file, and to look up the Multi-purpose **Internet** Mail Extension (MIME) for the specified file. At step 219, the response to the received...to meeting a well-defined purpose.

Project community A software system that runs on the **Internet** and supports
team members in understanding and carrying out the work
ate to accomplishing specified...clients
S Coordinate public relations efforts
9 Coordinate submissions for awards and reviews
13 Manage **Web** presence
Qualifications Customer-oriented graphic designer
Active-Member Greg Whomever is currently taking charge of...

...hardware systems
9 Troubleshoot all systems
13 Maintain communication access, such as phones, email,
and **web**
8 Organize unused equipment
9 Keep track of upgrades
9 Inform management of the most...WebSite an R-Script to the company website
Competitors a List of <R-Script> to **web** sites of competitors
Action Collections
Processes no process needed except perhaps a standard conversation but...

...Budget an R-Script to a spreadsheetforfacilities tnidget
WebSite an R-Script to the company **web** site; or application to maintain **web** site
Processes no process needed except perhaps a standard conversation Init we can do
this...to meeting a
well-defined purpose.

Project community A software system that runs on the **Internet** and supports
team members in understanding and carrying out the work
appropriate to accomplishing specified...as designing navigation systems or user-interfaces. This role is also responsible for archiving the **electronic** files associated with each project on which they worked.
RoleType Single
Responsibilities f3 Translate ideas...Roles, Topics
Outcomes Assignments
Steps None
Applications No special steps needed unless we put in **online** documentation.

We expect to see some standard aspects of a process here, which might be

...

...allow creation of task categories; not
available right now
Form-Task an Action-Script ftist **online** doc to say itse the Apply
pages
Resource- a List of <Resource>
Assignments
Key-Dates...to meeting a
well-defined purpose.

Project community A software system that runs on the **Internet** and
supports
team members in understanding and carrying out the work
. te to accomplishing specified...

Claim
1 A method of creating a model-driven **virtual** community having at least
one objective, the method including:
accessing a collection of templates that constitute partial descriptions
of
respective elements of the **virtual** community; and
instantiating the collection of templates to generate the elements of the
virtual community, the elements of the **virtual** community specifying
structural and behavioral constructs of a model according to which the
virtual community is structured and operated to progress towards
achievement of the at least one objective...

...is performed utilizing a decision framework constructed utilizing
input derived from participants within an earlier **virtual** community
instantiated utilizing the collection of templates.

3 The method of claim I wherein the...

...partially instantiating a further template that constitutes a partial
description of an element of the **virtual**
community to generate a community template, the community template being
included within the **virtual** community.

13 The method of claim 1 wherein the collection of templates includes a
grouping...

...first and second templates is coordinated to generate
corresponding first and second elements of the **virtual** community

14 The method of claim 13 wherein the use of the first and second
elements within the **virtual** community is coordinated.

15 The method of claim I including instantiating a purpose element of the
virtual community that defines a reason for the existence of the
virtual
community

16 The method of claim I including instantiating an objective element of
the **virtual** community that defines an objective of the **virtual**
community.

17 The method of claim 16 including instantiating a measure element that
facilitates measurement of progress of the **virtual** community toward
achieving the objective defined by the objective element.
134
. The method of claim...

...a role element that defines responsibilities and access privileges of a
community role within the **virtual** community.

19 The method of claim 18 including instantiating a conversation element that defines a...

...of claim 1 including instantiating a glossary element that specifies a shared vocabulary of the **virtual** community.

22 The method of claim 16 including instantiating at least one setting element that...

...specifying an ordered sequence of access to multiple settings according to event occurrences within the **virtual** community.

30 The method of claim 26 wherein the knowledge flow map element defines a a conversation element that facilitates communications within the **virtual** community outside the setting defined by the at least one setting element.

33 The method...

...a description of interactions within the setting.

34 A system for creating a model-driven **virtual** community having at least
one objective, the system including:
a collection templates that constitute partial descriptions of respective elements of the **virtual** community; and
136
PAGES
137 - 140
NOT FURNISHED UPON FILING

00950361   **Image available**
USER-SIDE TRACKING OF MULTIMEDIA APPLICATION USAGE WITHIN A WEB PAGE
SUIVI COTE UTILISATEUR DE L'UTILISATION D'APPLICATIONS MULTIMEDIA DANS UNE
    PAGE WEB
Patent Applicant/Assignee:
  NETIQ CORPORATION, 3553 N. First St., San Jose, CA 95134, US, US
    (Residence), US (Nationality)
Inventor(s):
  VINCENT Marcus, 406 N. Beech, Portland, OR 97227, US,
Legal Representative:
  SCHAFFER Scott A (et al) (agent), Marger Johnson & McCollom, P.C., 1030
    SW Morrison St., Portland, OR 97205, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200284507 A1 20021024 (WO 0284507)
  Application: WO 2002US12045 20020415 (PCT/WO US0212045)
  Priority Application: US 2001283858 20010413
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4002

USER-SIDE TRACKING OF MULTIMEDIA APPLICATION USAGE WITHIN A WEB PAGE
SUIVI COTE UTILISATEUR DE L'UTILISATION D'APPLICATIONS MULTIMEDIA DANS UNE
    PAGE WEB
Fulltext Availability:
  Detailed Description
  Claims

English Abstract
  The operation of multimedia applications (30), such as Macromedia's
  Flash, embedded within a web page (26) and downloaded by a visitor
  computer is tracked by using data mining code...

  ...the multimedia application, or by such code in conjunction with an
  interface (28) wihin the web page (26). Each operation of the web
  page (26) triggers a URL page request to a data tracking server (24) that
  is...

  ...a wide area network to the visitor computer and to the server from which
  the web page is downloaded. An example of such a trigger is a getURL
  command which, when...

  ...multimedia functions used within the multimedia application, pages
  viewed, scenes viewed, etc. The URL page request includes within the
  request data that is compiled by the data   mining code at the visitor
  computer and arranged so that the raw data can be reconstituted at the
  data tracking server and compiled into reports accessible to the web
  page operator.

French Abstract
  L'utilisation d'applications multimedia (30), telles que Macromedia's
  Flash, incorporees a une page web (26) et telechargees par un
  ordinateur visiteur est suivie a l'aide d'un code...

  ...tel code conjointement avec une interface (28) se trouvant a l'interieur

de la page **web** (26). Chaque utilisation de la page **web** (26) declenche
une demande de page URL a l'attention d'un serveur de suivi...

...de grande envergure, a l'ordinateur visiteur et au serveur a partir
duquel la page **web** est telechargee. Un exemple d'un tel element
declenchant est une instruction <= getURL >= qui, lorsqu...

...de donnees et compilees pour constituer des rapports accessibles a
l'operateur de la page **web** .

Detailed Description
USER-SIDE TRACKING OF MULTIMEDIA APPLICATION USAGE
WITHIN A **WEB** PAGE
BACKGROUND OF THE INVENTION
The present application relates to compiling and reporting data
associated...

...network server and more particularly to compiling and reporting data
associated with the viewing of **web** page content over the worldwide **web**
.

Programs for analyzing traffic on a network server, such as a worldwide
web server, are known in the art. One such prior art program is
described in commonly a **Web** Server, which is incorporated herein by
reference for all purposes. In these prior art systems, the program
typically runs on the **web** server that is being monitored. Data is
compiled, and reports are generated on demand-or are delivered from time
to time via email-to display information about **web** server activity,
such as the most popular page by number of visits, peak hours of website
activity, most popular entry page, etc.

Analyzing activity on a worldwide **web** server from a different location
on a global computer network (" **Internet** ") is also known in the art. To
do so, a provider of remote **web** -site activity analysis ("service
provider") generates JavaScript code that is distributed to each
subscriber to the service. The subscriber copies the code into each **web**
-site page that is to be monitored. When a visitor to the subscriber's
web site loads one of the **web** -site pages into his or her computer, the
JavaScript code collects information, including time of...

...The code then calls a server operated by the service provider-also
located on the **Internet** -and transmits the collected information thereto
as a URL parameter value. Information ...includes a set of tables that
summarize, in real time, activity on the customer's **web** site.

Modem **web** site traffic analysis tools have been useful for tracking
page-topage navigation, e.g. where...

...clicks a link to transition to another page. Each click of a link causes
the **web** browser to send a request over the **Internet** for the new **web**
page, which is then downloaded fi7om the **web** page server storing the
web page and loaded within the browser running on the visitor's
computer. The operation of conventional browsers such as Microsoft's
Internet Explorer and Netscape Navigator are well known in the art. The
active JavaScript within these...

...reports back information every time a new page is loaded into the
visitor computer's **web** browser.

Recently, applications such as Flash from Macromedia, Inc. have been
developed to run within **web** pages. These applications include their own
io navigation tools and have multiple viewable pages that operate within
a single **web** page. An entire Flash-based presentation might therefore
exist only on at single **web** page address where the user "browses"
within the flash presentation. Clicks within the flash presentation do
not result in requests being sent back to the **web** page server since the
entire presentation is already downloaded to the visitor computer.
Because a...

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...is no longer operating with page-to-page navigation when viewing a flash presentation, modem **web** page tracking tools have been unable to track browsing within these type of applications.

Accordingly...the accompanying drawings.

FIG. I is a highly schematic view of a portion of the **Internet** implementing the present invention.

FIGs. 2 and 3 are representative pages of a multimedia presentation... present invention.

FIG. 6 is a high-level block diagram illustrating the operation of a **web** page with a tracking reporting server according to a prefer-red embodiment of the invention...

...1, indicated generally at 10 is a highly schematic view of a portion of the **Internet** implementing the present invention. Included thereon is a worldwide **web** server 12. Server 12, in the present example, is operated by a business that sells...server 12. As also mentioned above, it is known to obtain this understanding by analyzing **web** -server log files at the server that supports the selling **web** site. It is also known in the art to collect data over the **Internet** and generate activity reports at a remote server.

When the owner of server 12 first...

...generate such reports, he or she uses a computer 16, which is equipped with a **web** browser, to visit a **web** server 18 operated by the service provider. On server 18, the subscriber opens an account...of code, typically JavaScript code. The subscriber simply copies and pastes this code onto each **web** page maintained on server 12 for which monitoring is desired. When a visitor from computer 14 (client node) loads one of the **web** pages having the embedded code therein, the code passes predetermined information from
computer 14 to a server 20-also operated by the service provider-via the **Internet** . This information includes, e.g., the page viewed, the time of the view, the ...time information io about the activity at server 12.

The above-described arrangement for monitoring **web** server activity by a service provider over the **Internet** is generally known in the art. Information analyzed in prior art systems generally consists of...on a visitor's computer 14. If page loads are taking too long, then a **web** site operator can redesign the page to load faster and/or add new **web** page server equipment to make the site more responsive to user requests. Modem **web** browsers such as **Internet** Explorer (1E) and Netscape Navigator operate to send for, retrieve and load **web** pages. A common method for implementing **web** pages is to use html or JavaScript code, which is interpreted by the **web** browser and implemented on the computer requesting the **web** page and including the **web** browser program. A common feature of modem **web** browsers is the use of events to trigger or "fire" operations called an "Event Handler". For example, moving a mouse cursor over a predefined hotspot or button on a **web** page can trigger a "mouseover" event. The triggering of such an event can be used...a central server which can record customer-defined information. Internetcapable applications are defined as (1) **Web** browsers, (2) WAP and Palm Devices, and (3) Windows or other operating system applications.

What...of application activity through the use of HTTP requests to the reporting servers. Any application, **web** or Windows-based (non-OS specific) that can take advantage of the HTTP protocol is...

...reporting servers.

The technology used to gather and report information of visitors to a

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particular **web** page is fairly well known. A customer (user of the service and operator of the **web** pages being tracked) pastes JavaScript code into the html code of each of the **web** pages they desire to have tracked. The pasted JavaScript code is then downloaded with the **web** page and runs on the browser of the visitor's computer to carry out data gathering and reporting services. Modem **web** pages include graphics embedded within the text of the **web** page. These graphics are usually downloaded separately from the **web** page by making a "call" to a particular file and server where the graphic is located. ·

Use of this feature within **web** pages is used as follows. Services such as ...WebTrends Live embed a tiny graphic (one pixel by one pixel in size) within the **web** page whose location is listed as being on one of WebTrends Live servers. This graphic is made small so as not to appear to the naked eye on the **web** page. The location or "source" of the graphic image includes a variable that is defined... VVNVW.webtrendslive.com/button3.asp?id39786c45629tl2Ol45), all the gathered information can be passed to the **web** server doing the logging. In this case, for instance, the variable script '10978&45629020145" is sent to the webtrendslive.com **web** site and is interpreted by a decoder program built into the data analysis server to mean that a user with ID#39786, loaded client **web** site #45629 in 4.5 seconds and spent 1:20 minutes there before moving to another **web** lo site. This is just an example of the types of data that can be...

...between the JavaScript interface 28 supplied by the tracking service providor and pasted by the **web** page owner/customer into each **web** page, the embedded (e.g. Flash) application 30 within the **web** page 26, and the reporting server 24 that receives and compiles ...scenes viewed, etc.

In the browser-based interface of FIG. 6, embedded application 30 within **web** page 26 communicates to hosting parent page 12 (FIG. 1), which then communicates to central...communicate with the tracking service servers. The request can come from any application, not just **web**-browsers.

During the request to the client application would append either in the data section...

...implementation of the invention is now described using the following source code embedded within the **web** page being tracked, where the **web** page ...swf11 quality=high bgcolor=#262c38 SCALE=showall TYPE=Ilapplication/x-shockwave-flash'I PLUGINSPAGE="http:// **www** .macromedia.com/shockwave/download/i ndex.cgi?Pl Prod-Version=ShockwaveFlash"> 49) </EMBED> 50) </OBJECT...

...to the tracking service servers as described above. Line 13) establishes the identity of the **web** page including a customer code that identifies the user of the tracking services. Lines 14...chart illustrating the preferred method of operation of the invention. Once the visitor downloads the **web** page 26, including the JavaScript interface 28 and embedded application 30, the visitor chooses to...title of the scene run ("History of Company XYZ") and the URL of the scene (" **www** .companyxyz.com/history.htm"). This information is pulled out in block 46.

The JavaScript in the host **web** page 26 runs to pull out the additional information, such as by operating the JavaScript information about the visitor computer and **web** content viewing data, is sent to the tracking services reporting servers in block 52.

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It...

...any of the following means. First, the SRC attribute of an image on the parent **web** page/frame can be updated with the URL of the new tracking request. Such a...to the tracking service reporting servers as by using the following command.

myXML.Send(lhttp:// **www** .webtrendslive.com/tracking.aspl)
Finally, an HTTP GET/POST request can be made directly from...code run within the Flash embedded application.

getURL ("javascript:trackActivity('History of Company
XYZI,Ihttp:// **www** .companyXYZ.com/history.html)");
The hosting page has a JavaScript function called trackActivityo which takes

Claim

1 . A method for tracking and reporting traffic activity within an application embedded within a **web** page comprising the steps ofstoring a **web** page on a first server coupled to a wide area network, said **web** page having an application operating therein including data mining code; uploading the **web** page to a visitor computer responsive to a request over
the wide area network from...The method of claim 1, further including the steps of
embedding an image within the **web** page, said image having a first. SRC attribute associated therewith;
...The method of claim 1, further comprising the steps of
storing an interface within the **web** page;
requesting to the interface that the operating of the application step be tracked; and...

DIALOG(R)File 349:PCT FULLTEXT

00268249
ELECTRONIC ARTICLE SECURITY SYSTEM
SYSTEME ELECTRONIQUE DE SECURITE POUR DES ARTICLES
Patent Applicant/Assignee:
  CHECKPOINT SYSTEMS INC,
Inventor(s):
  WHEELER Richard G,
  ABRAMS Burton S,
  CANNON Joseph M,
  CASEY Stephen J,
  CHANG Luke C,
  ERTWINE Von C,
  MAKOFKA Douglas S,
  MASTROCOLA Louis A,
  WAPLES Calvin R Jr,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9416421 A1 19940721
  Application: WO 93US11349 19931122   (PCT/WO US9311349)
  Priority Application: US 93481 19930104
Designated States: AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ
  LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA VN AT BE CH DE DK ES FR
  GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 22676

Fulltext Availability:
  Detailed Description

Detailed Description
... noise in the digitized receiver output signal, to
  provide clean, relatively high strength, low noise
   digital signals for **pattern** **recognition** analysis to
  provide a high probability of tag detection and a
  corresponding low probability of...

15/TI,PR/1   (Item 1 from file: 348)

Method of monitoring CO concentrations in hydrogen feed to a PEM fuel cell
Verfahren zur Uberwachung der CO-Gehalte in der Wasserstoffversorgung einer
    Polymerbrennstoffzelle
Methode pour controler les concentrations de CO dans l'alimentation a
    hydrogene d'une pile a combustible a electrolyte polymere
PRIORITY (CC, No, Date): US 957562 971024

15/TI,PR/2   (Item 2 from file: 348)

Eye-gaze direction detector
Detektor der Blickrichtung
Detecteur de direction du regard

15/TI,PR/3   (Item 3 from file: 348)

Method of monitoring CO concentrations in hydrogen feed to a PEM fuel cell
Verfahren zur Uberwachung der CO-Gehalte in der Wasserstoffversorgung einer
    Polymerbrennstoffzelle
Methode pour controler les concentrations de CO dans l' alimentation a
    hydrogene d'une pile a combustible a electrolyte polymere
PRIORITY (CC, No, Date): US 957562 971024

15/TI,PR/4   (Item 4 from file: 348)

Fuel cell CO sensor
Brenstoffzelle - CO Sensor
Detecteur d'oxyde de carbone du type pile a combustible
PRIORITY (CC, No, Date): US 957563 971024

15/TI,PR/5   (Item 5 from file: 348)

Monitoring a fuel cell with polymer electrolyte by comparing the behaviour
    patterns of an auxiliaire cell
Uberwachung von Brennstoffzelle mit polymerem Elektrolyt durch Vergleich
    der Betriebsparameter einer Hilfszelle
Controle d'une pile a combustion a electrolyte polymere par comparaison ses
    parametres operatoires d'une cellue auxiliare
PRIORITY (CC, No, Date): US 807559 970228

15/TI,PR/6   (Item 6 from file: 348)

PATTERN RECOGNITION ADAPTIVE CONTROLLER
ADAPTIVER MUSTERERKENNUNGSREGLER
REGULATEUR ADAPTATIF A RECONNAISSANCE DE FORMES
PRIORITY (CC, No, Date): US 968583 921029

15/TI,PR/7   (Item 7 from file: 348)

Terminal communications circuit.
Ubertragungsschaltung fur Endgerat.
Circuit de communication pour terminal.

                         EKD   March 13, 2003

PRIORITY (CC, No, Date): US 908532 860917

15/TI,PR/8   (Item 1 from file: 349)

POST PRODUCTION VISUAL ALTERATIONS
MODIFICATIONS VISUELLES APRES PRODUCTION
  Priority Application: US 2001309714 20010802

15/TI,PR/9   (Item 2 from file: 349)

AUDIO IDENTIFICATION SYSTEM AND METHOD
SYSTEME ET PROCEDE D'IDENTIFICATION AUDIO
  Priority Application: US 2001903627 20010713

15/TI,PR/10   (Item 3 from file: 349)

A METHOD AND SYSTEM FOR THE VISUAL PRESENTATION OF DATA MINING MODELS
PROCEDE   ET   SYSTEME   DE   PRESENTATION VISUELLE DE MODELES D'EXPLORATION DE
    DONNEES
  Priority Application: US 2001303036 20010706

15/TI,PR/11   (Item 4 from file: 349)

DUAL & PARALLEL SOFTWARE DEVELOPMENT MODEL
MODELE DE DEVELOPPEMENT DE LOGICIEL PARALLELE ET DOUBLE
  Priority Application: US 2001878492 20010611

15/TI,PR/12   (Item 5 from file: 349)

DATA   MINING   APPARATUS   AND   METHOD WITH USER INTERFACE BASED GROUND-TRUTH
    TOOL AND USER ALGORITHMS
DISPOSITIF   ET   PROCEDE   D'EXPLORATION   DE   DONNEES   UTILISANT   UN OUTIL DE
    TERRAIN A INTERFACE UTILISATEUR ET DES ALGORITHMES D'UTILISATEUR
  Priority Application: US 2001274008 20010307; US 2001945530 20010830; US
    2001942435 20011116

15/TI,PR/13   (Item 6 from file: 349)

AUTOMATIC ALGORITHM GENERATION
GENERATION AUTOMATIQUE D'ALGORITHMES
  Priority Application: US 2001275882 20010314; US NONE 20020313

15/TI,PR/14   (Item 7 from file: 349)

PLANAR   LASER   ILLUMINATION   AND   IMAGING   (PLIIM)   SYSTEMS WITH INTEGRATED
    DESPECKLING MECHANISMS PROVIDED THEREIN
SYSTEMES   PLIIM   D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME
    DE DECHATOIEMENT INTEGRE
  Priority Application: US 2000721885 20001124; US 2001780027 20010209; US
    2001781665 20010212; US 2001883130 20010615; US 2001954477 20010917; US
    2001999687 20011031

15/TI,PR/15   (Item 8 from file: 349)

METHOD FOR DETERMINING WEB PAGE LOADING AND VIEWING TIMES
PROCEDE   PERMETTANT   DE   DETERMINER   DES   TEMPS   DE   CHARGEMENT   ET   DE
     VISUALISATION DE PAGES WEB
  Priority Application: US 2000245647 20001102

 15/TI,PR/16   -   (Item 9 from file: 349)

A SYSTEM FOR ENTERPRISE KNOWLEDGE MANAGEMENT AND AUTOMATION
SYSTEME DE GESTION ET AUTOMATISATION DES CONNAISSANCES D'ENTREPRISES
  Priority Application: US 2000206742 20000524; US 2000241380 20001018

 15/TI,PR/17   (Item 10 from file: 349)

COMPUTER-AIDED METHOD AND APPARATUS FOR DIRECTLY ASSISTING PEOPLE IN
     PROBLEM SOLVING
PROCEDE   ET DISPOSITIF ASSISTES PAR ORDINATEUR SERVANT A AIDER DIRECTEMENT
     DES PERSONNES A RESOUDRE DES PROBLEMES
  Priority Application: US 2000566006 20000505

 15/TI,PR/18   (Item 11 from file: 349)

METHODS FOR PREDICTING THE BIOLOGICAL, CHEMICAL, AND PHYSICAL PROPERTIES OF
     MOLECULES FROM THEIR SPECTRAL PROPERTIES
PROCEDES DE PREDICTION DES PROPRIETES BIOLOGIQUES, CHIMIQUES ET PHYSIQUES
     DE MOLECULES A PARTIR DE LEURS PROPRIETES SPECTRALES
  Priority Application: US 2000496314 20000201; US 2000629557 20000731

 15/TI,PR/19   (Item 12 from file: 349)

APPARATUS FOR ACOUSTICALLY IMPROVING AN ENVIRONMENT AND RELATED METHOD
APPAREIL ET PROCEDE PERMETTANT D'AMELIORER UN ENVIRONNEMENT DU POINT DE VUE
     ACOUSTIQUE
  Priority Application: GB 9927131 19991116

 15/TI,PR/20   (Item 13 from file: 349)

METHOD OF FORMING A MASKING PATTERN ON A SURFACE
PROCEDE DE FORMATION D'UN MOTIF DE MASQUAGE SUR UNE SURFACE
  Priority Application: GB 9912437 19990527; GB 20005929 20000310

 15/TI,PR/21   (Item 14 from file: 349)

METHODS FOR DETERMINING THE IDENTIFICATION AND POSITION OF AND MONITORING
     OBJECTS IN A VEHICLE
TECHNIQUES D'IDENTIFICATION ET DE POSITION D'OBJETS DANS UN VEHICULE ET DE
     SURVEILLANCE DE CES OBJETS
  Priority Application: US 98114507 19981231

 15/TI,PR/22   (Item 15 from file: 349)

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CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM AND METHOD
SYSTEME ET PROCEDE DE GESTION DE RELATION CLIENT
  Priority Application: US 98210296 19981211

  15/TI,PR/23   (Item 16 from file: 349)

SECURITY PRINTING
IMPRESSION SECURISEE
  Priority Application: GB 9824246 19981106

  15/TI,PR/24   (Item 17 from file: 349)

CALL PROCESSING SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT
SYSTEME DE TRAITEMENT D'APPELS, PROCEDE ET PROGRAMME INFORMATIQUE
  Priority Application: US 9882730 19980423; US 99266724 19990312

  15/TI,PR/25   (Item 18 from file: 349)

VISION ARCHITECTURE TO DESCRIBE FEATURES OF PERSONS
ARCHITECTURE VIDEO POUR DECRIRE LES TRAITS DE PERSONNES
  Priority Application: US 9881615 19980413

  15/TI,PR/26   (Item 19 from file: 349)

PAIN MANAGEMENT ADVISORY SYSTEM
SYSTEME CONSULTATIF DE GESTION DE LA DOULEUR
  Priority Application: US 97932256 19970917

  15/TI,PR/27   (Item 20 from file: 349)

ELECTRONIC TONGUE
LANGUE ELECTRONIQUE
  Priority Application: SE 973215 19970907

  15/TI,PR/28   (Item 21 from file: 349)

METHOD AND APPARATUS FOR PRECISELY DIMENSIONING POLE TIPS OF A MAGNETIC
     TRANSDUCING HEAD STRUCTURE
PROCEDE ET APPAREIL POUR DIMENSIONNER AVEC PRECISION LES PIECES POLAIRES
     D'UNE STRUCTURE A TETE TRANSDUCTRICE MAGNETIQUE
  Priority Application: WO 97US10445 19970613

  15/TI,PR/29   (Item 22 from file: 349)

PERSONALIZED AUTOMATED OPERATOR POSITION
POSTE D'OPERATEUR AUTOMATISE PERSONNALISE
  Priority Application: US 9629918 19961101; US 9753290 19970721; US
  9759386 19970919

PATTERN RECOGNITION ADAPTIVE CONTROLLER
REGULATEUR ADAPTATIF A RECONNAISSANCE DE FORMES
  Priority Application: US 92968583 19921029

15/3,K/6   (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00628711
PATTERN RECOGNITION ADAPTIVE CONTROLLER
ADAPTIVER MUSTERERKENNUNGSREGLER
REGULATEUR ADAPTATIF A RECONNAISSANCE DE FORMES
PATENT ASSIGNEE:
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    Hamburg, (DE)
PATENT (CC, No, Kind, Date):   EP 628181 A1 941214 (Basic)
                               EP 628181 A1 950405
                               EP 628181 B1 970604
                               WO 9410613 940511
APPLICATION (CC, No, Date):   EP 94903239 931025; WO 93US10182 931025
PRIORITY (CC, No, Date): US 968583 921029
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: G05B-013/00; G05B-013/02;
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB97	788
CLAIMS B	(German)	EPAB97	773
CLAIMS B	(French)	EPAB97	947
SPEC B	(English)	EPAB97	5992
Total word count - document A			0
Total word count - document B			8500
Total word count - documents A + B			8500

...SPECIFICATION to the preferred embodiment of the present invention.
  According to this embodiment, controller 20 internally **incorporates** the
  hardware and **software** required to implement the **pattern   recognition**
  adaptive control process. The hardware may include a microprocessor 42
  and memory 48. Microprocessor 42...

18/TI,PR/1   (Item 1 from file: 348)

PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT APPARATUS
PERSONLICHES ELEKTRONISCHES REGELUNGSSYSTEM, TERMINAL UND MANAGEMENTAPPARAT
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET APPAREIL PERMETTANT DE GERER CE SYSTEME
PRIORITY (CC, No, Date): JP 96316897 961114; JP 97117681 970422

18/TI,PR/2   (Item 2 from file: 348)

Connectionless communications system, test method, and intra-station control system
Verbindungsloses Kommunikationssystem, Testmethode und Intra-Station-Steuer ungssystem
Systeme de communication sans connection, methode de test et systeme de gestion intra-station
PRIORITY (CC, No, Date): JP 94255120 940822

18/TI,PR/3   (Item 1 from file: 349)

METHOD AND SYSTEM FOR DELIVERING MULTIPLE SERVICES ELECTRONICALLY TO CUSTOMERS VIA A CENTRALIZED PORTAL ARCHITECTURE
PROCEDE ET SYSTEME DE PRESTATION ELECTRONIQUE DE MULTIPLES SERVICES A DES CLIENTS PAR L'INTERMEDIAIRE D'UNE ARCHITECTURE DE PORTAIL CENTRALISEE
Priority Application: US 2001312698 20010815

18/TI,PR/4   (Item 2 from file: 349)

SYSTEM AND METHOD FOR MONITORING KEY PERFORMANCE INDICATORS IN A BUSINESS
SYSTEME ET PROCEDE DE SURVEILLANCE DES PRINCIPAUX INDICATEURS DE PERFORMANCE DANS UNE ENTREPRISE
Priority Application: US 2001877414 20010608

18/TI,PR/5   (Item 3 from file: 349)

SYSTEM, METHOD, SOFTWARE ARCHITECTURE AND BUSINESS MODEL FOR AN INTELLIGENT OBJECT BASED INFORMATION TECHNOLOGY PLATFORM
SYSTEME, PROCEDE, ARCHITECTURE LOGICIELLE ET MODELE DE GESTION POUR PLATE-FORME DE TECHNOLOGIE D'INFORMATIONS FONDEE SUR UN OBJET INTELLIGENT
Priority Application: US 2000254063 20001206; US 2000254062 20001206; US 2000254064 20001206; US 2000259050 20001229; US 2001246238 20010125; US 2001266957 20010206; US 2001276711 20010316; US 2001282656 20010409; US 2001282658 20010409; US 2001282654 20010409; US 2001282657 20010409; US 2001282655 20010409; US 2001282979 20010410; US 2001282989 20010410; US 2001282991 20010410; US 2001282990 20010410

18/TI,PR/6   (Item 4 from file: 349)

METHOD FOR IMPLEMENTING SERVICE DESK CAPABILITY
PROCEDE DE MISE EN OEUVRE D'UNE FONCTIONNALITE DE POSTE DE SERVICE
Priority Application: US 2000242007 20001020

18/TI,PR/7   (Item 5 from file: 349)

INTEGRATED IN-STREAM VIDEO AD SERVING
FOURNITURE DE PUBLICITE INTEGREE DANS UN FLUX VIDEO EN CONTINU
  Priority Application: US 2000707596 20001106

18/TI,PR/8   (Item 6 from file: 349)

SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR PROCESSING GENOMIC DATA
    IN AN OBJECT-ORIENTED ENVIRONMENT
SYSTEMES, PROCEDES ET PRODUITS DE PROGRAMME D'ORDINATEUR DESTINES AU
    TRAITEMENT DE DONNEES GENOMIQUES DANS UN ENVIRONNEMENT ORIENTE OBJET
  Priority Application: US 2000657218 20000907

18/TI,PR/9   (Item 7 from file: 349)

DEVICE AND METHOD FOR ORGANIZING AND PRESENTING WORKER TASKS IN A
    NETWORK-BASED PORTAL ENVIRONMENT
DISPOSITIF ET PROCEDE SERVANT A ORGANISER ET A PRESENTER DES TACHES DANS UN
    ENVIRONNEMENT DE PORTAIL BASE SUR UN RESEAU
  Priority Application: US 2000211426 20000614

18/TI,PR/10   (Item 8 from file: 349)

ADVANCED ASSET MANAGEMENT SYSTEMS
SYSTEMES DE GESTION D'AVOIRS PERFECTIONNES
  Priority Application: US 2000569023 20000511

18/TI,PR/11   (Item 9 from file: 349)

NUCLEIC ACIDS, PROTEINS, AND ANTIBODIES
ACIDES NUCLEIQUES, PROTEINES ET ANTICORPS
  Priority Application: US 2000179065 20000131; US 2000180628 20000204; US
    2000184664 20000224; US 2000186350 20000302; US 2000189874 20000316; US
    2000190076 20000317; US 2000198123 20000418; US 2000205515 20000519; US
    2000209467 20000607; US 2000214886 20000628; US 2000215135 20000630; US
    2000216647 20000707; US 2000216880 20000707; US 2000217487 20000711; US
    2000217496 20000711; US 2000218290 20000714; US 2000220963 20000726; US
    2000220964 20000726; US 2000225757 20000814; US 2000225270 20000814; US
    2000225447 20000814; US 2000225267 20000814; US 2000225758 20000814; US
    2000225268 20000814; US 2000224518 20000814; US 2000224519 20000814; US
    2000225759 20000814; US 2000225213 20000814; US 2000225266 20000814; US
    2000225214 20000814; US 2000226279 20000818; US 2000226868 20000822; US
    2000227182 20000822; US 2000226681 20000822; US 2000227009 20000823; US
    2000228924 20000830; US 2000229344 20000901; US 2000229343 20000901; US
    2000229287 20000901; US 2000229345 20000901; US 2000229513 20000905; US
    2000229509 20000905; US 2000230438 20000906; US 2000230437 20000906; US
    2000231413 20000908; US 2000232080 20000908; US 2000231414 20000908; US
    2000231244 20000908; US 2000232081 20000908; US 2000231242 20000908; US
    2000231243 20000908; US 2000231968 20000912; US 2000232401 20000914; US
    2000232399 20000914; US 2000232400 20000914; US 2000232397 20000914; US
    2000233063 20000914; US 2000233064 20000914; US 2000233065 20000914; US
    2000232398 20000914; US 2000234223 20000921; US 2000234274 20000921; US
    2000234997 20000925; US 2000234998 20000925; US 2000235484 20000926; US
    2000235834 20000927; US 2000235836 20000927; US 2000236369 20000929; US
    2000236327 20000929; US 2000236370 20000929; US 2000236368 20000929; US
    2000236367 20000929; US 2000237039 20001002; US 2000237038 20001002; US

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2000237040 20001002; US 2000237037 20001002; US 2000236802 20001002; US
2000239937 20001013; US 2000239935 20001013; US 2000241785 20001020; US
2000241809 20001020; US 2000240960 20001020; US 2000241787 20001020; US
2000241808 20001020; US 2000241221 20001020; US 2000241786 20001020; US
2000241826 20001020; US 2000244617 20001101; US 2000246474 20001108; US
2000246532 20001108; US 2000246476 20001108; US 2000246526 20001108; US
2000246475 20001108; US 2000246525 20001108; US 2000246528 20001108; US
2000246527 20001108; US 2000246477 20001108; US 2000246611 20001108; US
2000246610 20001108; US 2000246613 20001108; US 2000246609 20001108; US
2000246478 20001108; US 2000246524 20001108; US 2000246523 20001108; US
2000249299 20001117; US 2000249210 20001117; US 2000249216 20001117; US
2000249217 20001117; US 2000249211 20001117; US 2000249215 20001117; US
2000249218 20001117; US 2000249208 20001117; US 2000249213 20001117; US
2000249212 20001117; US 2000249207 20001117; US 2000249245 20001117; US
2000249244 20001117; US 2000249297 20001117; US 2000249214 20001117; US
2000249264 20001117; US 2000249209 20001117; US 2000249300 20001117; US
2000249265 20001117; US 2000250391 20001201; US 2000250160 20001201; US
2000256719 20001205; US 2000251030 20001205; US 2000251988 20001205; US
2000251479 20001206; US 2000251869 20001208; US 2000251856 20001208; US
2000251868 20001208; US 2000251990 20001208; US 2000251989 20001208; US
2000254097 20001211; US 2001259678 20010105
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18/TI,PR/12   (Item 10 from file: 349)

A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK
PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL
  Priority Application: US 99470030 19991222; US 99470041 19991222; US
    99470044 19991222

18/TI,PR/13   (Item 11 from file: 349)

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A
    NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE
    DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET
    PROCEDE ASSOCIE
  Priority Application: US 99444653 19991122; US 99447623 19991122

18/TI,PR/14   (Item 12 from file: 349)

SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE
    AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE
    LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE
    D'APPROVISIONNEMENT RESEAUTEE
  Priority Application: US 99447625 19991122; US 99444889 19991122

18/TI,PR/15   (Item 13 from file: 349)

NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND
    METHOD THEREOF
GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT
    DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE
  Priority Application: US 99444775 19991122; US 99447621 19991122

18/TI,PR/16   (Item 14 from file: 349)

                    EKD   March 13, 2003

COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING
    DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
    AND METHOD THEREOF
PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES
    STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN
    ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET
    PROCEDE ASSOCIE
    Priority Application: US 99444655 19991122; US 99444886 19991122

  18/TI,PR/17   (Item 15 from file: 349)

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF
    MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A
    MARKET SPACE INTERFACE
PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE
    PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION
    D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE
    Priority Application: US 99444773 19991122; US 99444798 19991122

  18/TI,PR/18   (Item 16 from file: 349)

ANY-TO-ANY COMPONENT COMPUTING SYSTEM
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE
    Priority Application: US 99164884 19991112

  18/TI,PR/19   (Item 17 from file: 349)

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR LOAD BALANCING REQUESTS AMONG
    SERVERS
SYSTEME, PROCEDE ET ARTICLE POUR EQUILIBREUR DE CHARGE DANS UN
    ENVIRONNEMENT DE STRUCTURES DE SERVICES
    Priority Application: US 99387576 19990831

  18/TI,PR/20   (Item 18 from file: 349)

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST BATCHER IN A
    TRANSACTION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR MODULE DE MISE EN LOTS DES
    REQUETES DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES
    TRANSACTIONNELS
    Priority Application: US 99387575 19990831

  18/TI,PR/21   (Item 19 from file: 349)

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DISTRIBUTED GARBAGE
    COLLECTION IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION EN MATIERE DE RECUPERATION
    D'ESPACE REPARTI DANS DES MOTIFS DE SERVICES D'ENVIRONNEMENT
    Priority Application: US 99386435 19990831

  18/TI,PR/22   (Item 20 from file: 349)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR BUSINESS LOGIC SERVICES

PATTERNS IN A NETCENTRIC ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION POUR STRUCTURES DE SERVICES DE
    LOGIQUE DE COMMERCE DANS UN ENVIRONNEMENT S'ARTICULANT AUTOUR DE
    L'INTERNET
 Priority Application: US 99387658 19990831

 18/TI,PR/23   (Item 21 from file: 349)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A
    COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN
    ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION
 Priority Application: US 99386834 19990831

 18/TI,PR/24   (Item 22 from file: 349)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH
    COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION
    MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES
    D'INFORMATIONS
 Priority Application: US 99386238 19990831

 18/TI,PR/25   (Item 23 from file: 349)

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PIECEMEAL RETRIEVAL IN AN
    INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A LA RECHERCHE
    FRAGMENTAIRE DANS UN ENVIRONNEMENT DE MODELES DE SERVICES
    D'INFORMATIONS
 Priority Application: US 99386433 19990831

 18/TI,PR/26   (Item 24 from file: 349)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A REFRESHABLE PROXY POOL IN
    A COMMUNICATION ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE POUR GROUPE D'ELEMENTS MANDATAIRES (PROXY)
    RAFRAICHISSABLES DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE
    COMMUNICATION
 Priority Application: US 99386239 19990831

 18/TI,PR/27   (Item 25 from file: 349)

ADVANCED DEFERRED SHADING GRAPHICS PIPELINE PROCESSOR
PROCESSEUR PIPELINE GRAPHIQUE EVOLUE A OMBRAGE DIFFERE
 Priority Application: US 9897336 19980820; US 98213990 19981217

 18/TI,PR/28   (Item 26 from file: 349)

UNIVERSAL EPISTEMOLOGICAL MACHINE (A.K.A. ANDROID)
MACHINE EPISTEMOLOGIQUE UNIVERSELLE (ANDROIDE A.K.A.)
 Priority Application: US 97847230 19970501; US 97876378 19970616; US
    9833676 19980303

                        EKD   March 13, 2003

18/TI,PR/29   (Item 27 from file: 349)

CONTROL SYSTEMS BASED ON SIMULATED VIRTUAL MODELS
SYSTEMES DE COMMANDE BASES SUR DES MODELES VIRTUELS SIMULES
  Priority Application: US 95373688 19950117; US 95373992 19950117

18/TI,PR/30   (Item 28 from file: 349)

PARALLEL MACHINE ARCHITECTURE FOR PRODUCTION RULE SYSTEMS
ARCHITECTURE DE MACHINE PARALLELE POUR DES SYSTEMES DE REGLES DE PRODUCTION
  Priority Application: US 87976 19870609

00153060
PARALLEL MACHINE ARCHITECTURE FOR PRODUCTION RULE SYSTEMS
ARCHITECTURE DE MACHINE PARALLELE POUR DES SYSTEMES DE REGLES DE PRODUCTION
Patent Applicant/Assignee:
  MARTIN MARIETTA ENERGY SYSTEMS INC,
Inventor(s):
  ALLEN John Daniel Jr,
  BUTLER Philip Lee,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 8809972 A1 19881215
  Application: WO 88US1901 19880609 (PCT/WO US8801901)
  Priority Application: US 87976 19870609
Designated States: AT BE CH DE FR GB IT JP LU NL SE
Publication Language: English
Fulltext Word Count: 138162

Fulltext Availability:
  Detailed Description

Detailed Description
... to the cell board arbitration control logic circuit as
  shown in Fig. 13 which arbitrates **within** each rule
  processor cell, If the particular rule processor is not
  runningr the arbitration circuit...list is a sorted version
  of the instantiation time-tags. This is used by the
   routine   that sorts the instantiations as they are entered
  on the fireable, list. The fireable list...

19/TI,PR/1   (Item 1 from file: 348)

Method and apparatus for the integration of data, information and knowledge
Verfahren und Gerat fur die Integration von Daten, Information und Kenntnis
Methode et outil pour l'integration des dates, information et connaissance
PRIORITY (CC, No, Date): US 172608 P 991220; US 659731 000911

19/TI,PR/2   (Item 2 from file: 348)

Initiating a link between computers based on the decoding of an address
      steganographically embedded in an audio object
Verbindungsherstellung   zwischen   Computern   beruhend   auf   der Dekodierung
      einer steganographisch in einem Audioobjekt eingebetteten Adresse
Initialisation d'une liaison entre ordinateurs basee sur le decodage d'une
      adresse enrobee steganographiquement dans un objet audio.
PRIORITY (CC, No, Date): US 436102 950508; US 508083 950727; US 512993
      950809; US 534005 950925; US 637531 960425

19/TI,PR/3   (Item 3 from file: 348)

Integrated data link control with dynamic hyperchannel mapping
Integrierte   Datenubertragungsstreckensteuerung   mit   dynamischer
      Hyperchannelzuteilung
Dispositif integre de commande d'une voie de donnees avec allocation
      dynamique de hypercanal
PRIORITY (CC, No, Date): US 495821 900315

19/TI,PR/4   (Item 1 from file: 349)

METHOD,   SYSTEM,   AND   PROGRAM   FOR   MINING   DATA IN A PERSONAL INFORMATION
      MANAGER DATABASE
PROCEDE,   SYSTEME   ET   PROGRAMME   DE   RECHERCHE DE DONNEES DANS UNE BASE DE
      DONNEES DE GESTION D'INFORMATIONS PERSONNELLES
 Priority Application: US 2001848176 20010503

19/TI,PR/5   (Item 2 from file: 349)

LEUKOCYTE EXPRESSION PROFILING
EVALUATION DU NIVEAU D'EXPRESSION LEUCOCYTAIRE
 Priority Application: US 2000241994 20001020; US 2001296764 20010608

19/TI,PR/6   (Item 3 from file: 349)

PROJECT MANAGEMENT SYSTEM AND METHOD
PROCEDE ET SYSTEME DE GESTION DE PROJET
 Priority Application: GB 200023952 20000929

19/TI,PR/7   (Item 4 from file: 349)

A SYSTEM, METHOD AND INTERFACE FOR BUILDING BIOLOGICAL DATABASES USING
      TEMPLATES
SYSTEME, PROCEDE ET INTERFACE UTILISANT DES MODELES POUR CONSTRUIRE DES
      BASES DE DONNEES BIOLOGIQUES

                              EKD   March 13, 2003

Priority Application: WO 2000SG155 20000925

19/TI,PR/8   (Item 5 from file: 349)

METHOD AND SYSTEM FOR CREATING AND IMPROVING PRODUCTS AND SERVICES USING
    ELECTRONIC COLLECTION OF INFORMATION
PROCEDES ET SYSTEMES POUR CREER ET AMELIORER DES PRODUITS ET DES SERVICES
    EN RECOURANT AU RECUEIL ELECTRONIQUE D'INFORMATION
    Priority Application: US 2000607751 20000630

19/TI,PR/9   (Item 6 from file: 349)

NETWORKED INTERACTIVE TOY SYSTEM
SYSTEME DE JOUETS INTERACTIFS EN RESEAU
    Priority Application: US 2000189914 20000316; US 2000189915 20000316; US
        2000189916 20000316; US 2000190874 20000321; US 2000191300 20000321; US
        2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US
        2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US
        2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US
        2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US
        2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US
        2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US
        2000197577 20000417; US 2000197578 20000417; US 2000197579 20000417; US
        2000200508 20000428; US 2000200513 20000428; US 2000200639 20000428; US
        2000200640 20000428; US 2000200641 20000428; US 2000200647 20000428; US
        2000203175 20000508; US 2000203177 20000508; US 2000203182 20000508; US
        2000203244 20000508; US 2000204201 20000515; US 2000204200 20000515; US
        2000207126 20000525; US 2000207128 20000525; US 2000208105 20000526; US
        2000208390 20000530; US 2000208391 20000530; US 2000208392 20000530; US
        2000209471 20000605; US 2000210443 20000608; US 2000210445 20000608; US
        2000212696 20000619; US 2000215360 20000630; US 2000216237 20000705; US
        2000216238 20000705; US 2000217357 20000712; US 2000219234 20000718; US
        2000220276 20000724; US 2000221933 20000731; US 2000223877 20000808; US
        2000227112 20000822; US 2000229371 20000830; US 2000229648 20000831; US
        2000231105 20000908; US 2000231103 20000908; US 2000234883 20000925; US
        2000234895 20000925; US 2000239329 20001010; US 2000253362 20001127; US
        2000250332 20001129; US 2000254699 20001211; US 2001267350 20010208

19/TI,PR/10   (Item 7 from file: 349)

WORKERS' COMPENSATION INFORMATION PROCESSING SYSTEM
SYSTEME DE TRAITEMENT D'INFORMATIONS RELATIVES A L'INDEMNISATION POUR
    ACCIDENT DE TRAVAIL
    Priority Application: US 2000506432 20000217

19/TI,PR/11   (Item 8 from file: 349)

PHYSICAL PRESENCE DIGITAL AUTHENTICATION SYSTEM (BROADCAST MEDIA)
SYSTEME D'AUTHENTIFICATION NUMERIQUE DE PRESENCE PHYSIQUE (SUPPORTS DE
    RADIODIFFUSION)
    Priority Application: US 2000180530 20000207; US 2000570399 20000512

19/TI,PR/12   (Item 9 from file: 349)

PHYSICAL PRESENCE DIGITAL AUTHENTICATION SYSTEM (SMART E-WALLET)
SYSTEME D'AUTHENTIFICATION NUMERIQUE DE PRESENCE PHYSIQUE (PORTEFEUILLE

ELECTRONIQUE INTELLIGENT)
Priority Application: US 2000180530 20000207; US 2000570399 20000512

19/TI,PR/13   (Item 10 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

PHYSICAL PRESENCE DIGITAL AUTHENTICATION SYSTEM (DEVICE-TO-DEVICE)
**SYSTEME D'AUTHENTIFICATION NUMERIQUE DE PRESENCE PHYSIQUE (DE DISPOSITIF A
    DISPOSITIF)**
Priority Application: US 2000180530 20000207; US 2000570399 20000512

19/TI,PR/14   (Item 11 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

**PHYSICAL PRESENCE DIGITAL AUTHENTICATION SYSTEM (POINTS/CASH PURCHASING
    MECHANISM)**
**SYSTEME   D'AUTHENTIFICATION   NUMERIQUE   DE   PRESENCE   PHYSIQUE   (MECANISME
    D'ACHAT PAR POINTS/EN ESPECES)**
Priority Application: US 2000180530 20000207; US 2000570399 20000512

19/TI,PR/15   (Item 12 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

**PHYSICAL   PRESENCE   DIGITAL   AUTHENTICATION   SYSTEM (WEBPAGE-DEPENDENT
    ACTIVATION)**
**SYSTEME D'AUTHENTIFICATION NUMERIQUE PAR PRESENCE PHYSIQUE (ACTIVATION
    DEPENDANTE D'UNE PAGE WEB)**
Priority Application: US 2000180530 20000207; US 2000570399 20000512

19/TI,PR/16   (Item 13 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

PHYSICAL PRESENCE DIGITAL AUTHENTICATION SYSTEM
SYSTEME D'AUTHENTIFICATION NUMERIQUE DE PRESENCE PHYSIQUE
Priority Application: US 2000180530 20000207; US 2000570399 20000512

19/TI,PR/17   (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

SYSTEMS AND METHODS FOR IMPROVING VISUAL PERCEPTION
SYSTEMES ET PROCEDES D'AMELIORATION DE LA PERCEPTION VISUELLE
Priority Application: IL 133758 19991227; US 2000642506 20000818; US
    2000711354 20001109

19/TI,PR/18   (Item 15 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

**SYSTEM AND METHOD OF AGGREGATE ELECTRONIC TRANSACTIONS WITH MULTIPLE
    SOURCES**
**SYSTEME ET PROCEDE D'AGREGATION DE TRANSACTIONS ELECTRONIQUES A SOURCES
    MULTIPLES**
Priority Application: US 99162125 19991029; US 99162129 19991029; US
    2000194027 20000403

19/TI,PR/19   (Item 16 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A GLOBALLY ADDRESSABLE
    INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**

EKD   March 13, 2003

SYSTEME, PROCEDE ET ARTICLE DE FABRICATION S'APPLIQUANT DANS UN
    ENVIRONNEMENT DE STRUCTURE DE SERVICES DE COMMUNICATIONS VIA UNE
    INTERFACE ADRESSABLE GLOBALEMENT
  Priority Application: US 99387214 19990831

 19/TI,PR/20   (Item 17 from file: 349)
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SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE
    IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE
    D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT
  Priority Application: US 99387873 19990831

 19/TI,PR/21   (Item 18 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN
    AN E-COMMERCE ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE
    STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE
    ELECTRONIQUE
  Priority Application: US 99364733 19990730

20/TI,PR/1   (Item 1 from file: 348)

Network usage analysis method and system using dynamic statistical data
    distribution
Verfahren und System zur Analyse der Netzwerkauslastung mit dynamischer
    Verteilung von statistischen Daten
Procede et systeme d'analyse d'utilisation d'un reseau, comportant la
    distribution dynamique de donnees statistiques
PRIORITY (CC, No, Date): US 919149 010731

20/TI,PR/2   (Item 2 from file: 348)

Network usage analysis system and method for updating statistical models
System und Verfahren zur Analyse der Auslastung von Netzwerken mit
    Aktualisierung statistischer Modelle
Systeme et procede d'analyse d'utilisation d'un reseau, comportant
    l'actualisation de modeles statistiques
PRIORITY (CC, No, Date): US 919527 010731

20/TI,PR/3   (Item 3 from file: 348)

Network usage analysis system and method for determining excess usage
Verfahren und System zur Analyse der Netzwerkauslastung zur Bestimmung von
    Nutzungsuberschreitungen
Systeme et procede d'analyse d'utilisation d'un reseau pour la
    determination d'usage excessif
PRIORITY (CC, No, Date): US 919148 010731

20/TI,PR/4   (Item 4 from file: 348)

Internet usage analysis system and method
System und Verfahren zur Analyse des Internetgebrauchs
Systeme et methode d'analyse d'utilisation d' Internet
PRIORITY (CC, No, Date): US 548124 000412

20/TI,PR/5   (Item 5 from file: 348)

System and method for managing data privacy in a database management system
    including a dependently connected privacy data mart
System und Verfahren zum Verwalten der Datenvertraulichkeit in einem
    Datenbankverwaltungssystem   mit   einem   abhangig   verbundenen
    Vertraulichkeitsdatenmarkt
Systeme et methode de gestion de la confidentialite des donnees dans un
    systeme de gestion de bases de donnees incluant un marche de donnees
    confidentielles connecte en dependance
PRIORITY (CC, No, Date): US 411337 991001

20/TI,PR/6   (Item 6 from file: 348)

Privacy-enabled loyalty card system and method
System und Verfahren fur Treuekarten mit Vertraulichkeit
Systeme et methode pour des cartes de fidelite avec confidentialite
PRIORITY (CC, No, Date): US 165457 981002

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20/TI,PR/7   (Item 7 from file: 348)

Privacy-enhanced database
Datenbank mit erhohter Vetraulichkeit
Base de donnees avec une confidentialite elevee
PRIORITY (CC, No, Date): US 165784 981002

20/TI,PR/8   (Item 8 from file: 348)

System and method for managing data privacy in a database management system
System und Verfahren zur Verwaltung von Datenschutz in einem
    Datenverwaltungssystem
Systeme et procede pour la gestion de protection de donnees dans un systeme
    de gestion de donnees
PRIORITY (CC, No, Date): US 165777 981002

20/TI,PR/9   (Item 9 from file: 348)

Integrated data link controller with synchronous link interface and
    asynchronous host processor interface
Integrierte   Datenubertragungsstreckensteuerung   mit   synchroner
    Leitungsschnittstelle und asynchroner Host-Prozessor-Schnittstelle
Dispositif integre de commande d'une voie de donnees avec interface
    synchrone de liaison et interface asynchrone avec le processeur hote
PRIORITY (CC, No, Date): US 495810 900315

20/TI,PR/10   (Item 10 from file: 348)

Software work tool
Software-Werkzeug
Outil de travail logiciel
PRIORITY (CC, No, Date): JP 90323765 901127

20/TI,PR/11   (Item 1 from file: 349)

METHOD AND SYSTEM FOR DECISION SUPPORT ANALYSIS
PROCEDE ET SYSTEME D'ANALYSE D'AIDE A LA DECISION
  Priority Application: US 2001827969 20010404

20/TI,PR/12   (Item 2 from file: 349)

ONE-STEP DATA MINING WITH NATURAL LANGUAGE SPECIFICATION AND RESULTS
EXPLORATION EN PROFONDEUR DE DONNEES EN UNE ETAPE AVEC SPECIFICATIONS EN
    LANGAGE NATUREL ET RESULTATS
  Priority Application: US 2001274008 20010307; US 2001945530 20010830; US
    2001942435 20011116

20/TI,PR/13   (Item 3 from file: 349)

SPORT ANALYSIS SYSTEM AND METHOD
PROCEDE ET SYSTEME D'ANALYSE POUR LE SPORT
  Priority Application: GB 20015421 20010306

20/TI,PR/14   (Item 4 from file: 349)

A SYSTEM AND A METHOD FOR PERSON'S IDENTITY AUTHENTICATION
SYSTEME ET PROCEDE D'AUTHENTIFICATION D'IDENTITE DE PERSONNE
  Priority Application: IL 141389 20010212

20/TI,PR/15   (Item 5 from file: 349)

ENTERPRISE WEB   MINING SYSTEM AND METHOD
SYSTEME D'ENTREPRISE D'EXPLORATION EN PROFONDEUR DE RESEAU ET PROCEDE
  Priority Application: US 2000235926 20000928; US 2001963401 20010927

20/TI,PR/16   (Item 6 from file: 349)

METHOD, SYSTEM, APPARATUS AND DEVICE FOR DISCOVERING AND PREPARING CHEMICAL
     COMPOUNDS FOR MEDICAL AND OTHER USES.
PROCEDE, SYSTEME, APPAREIL ET DISPOSITIF PERMETTANT DE DECOUVRIR ET DE
     PREPARER DES COMPOSES CHIMIQUES DESTINES A DES UTILISATIONS MEDICALES
     OU A D'AUTRES UTILISATIONS
  Priority Application: US 2000232626 20000914; US 2001260867 20010112; US
     2001272774 20010305; US 2001294563 20010601; US 2001298900 20010619

20/TI,PR/17   (Item 7 from file: 349)

SYSTEM AND METHOD FOR ORDERING AND DELIVERING MEDIA CONTENT
SYSTEME ET PROCEDE PERMETTANT DE COMMANDER ET DE DISTRIBUER DES CONTENUS
     MEDIAS
  Priority Application: US 2000232333 20000913

20/TI,PR/18   (Item 8 from file: 349)

SYSTEM AND METHOD FOR PERSONALIZATION IMPLEMENTED ON MULTIPLE NETWORKS AND
     MULTIPLE INTERFACES
SYSTEME ET PROCEDE POUR LA PERSONNALISATION, AVEC MISE EN OEUVRE SUR
     RESEAUX ET INTERFACES MULTIPLES
  Priority Application: US 2000230544 20000905

20/TI,PR/19   (Item 9 from file: 349)

VISUALIZATION AND MANIPULATION OF BIOMOLECULAR RELATIONSHIPS USING GRAPH
     OPERATORS
VISUALISATION ET MANIPULATION DE RELATIONS BIOMOLECULAIRES A L'AIDE
     D'OPERATEURS GRAPHIQUES
  Priority Application: US 2000221707 20000731

20/TI,PR/20   (Item 10 from file: 349)

USER SERVICES AND INFORMATION MANAGEMENT SYSTEM AND METHOD
SYSTEME ET PROCEDE DE GESTION DES SERVICES ET INFORMATION A DES
     UTILISATEURS
  Priority Application: US 2000213462 20000623

20/TI,PR/21   (Item 11 from file: 349)

SITE INFORMATION SYSTEM AND METHOD
SYSTEME ET PROCEDE D'INFORMATIONS RELATIVES A UN SITE
  Priority Application: US 2000213462 20000623

20/TI,PR/22   (Item 12 from file: 349)

ROTATING EQUIPMENT DIAGNOSTIC SYSTEM AND ADAPTIVE CONTROLLER
SYSTEME DE DIAGNOSTIQUE D'EQUIPEMENT ROTATIF ET UNITE DE COMMANDE ADAPTIVE
  Priority Application: US 2000212392 20000619

20/TI,PR/23   (Item 13 from file: 349)

INTERACTIVE ORTHODONTIC CARE SYSTEM BASED ON INTRA-ORAL SCANNING OF TEETH
SYSTEME DE SOIN ORTHODONTIQUE INTERACTIF BASE SUR L'ANALYSE INTRA-BUCCALE
    DES DENTS
  Priority Application: US 2000552189 20000419; US 2000552190 20000419; US
    2000560127 20000428; US 2000560128 20000428; US 2000560129 20000428; US
    2000560130 20000428; US 2000560131 20000428; US 2000560132 20000428; US
    2000560133 20000428; US 2000560134 20000428; US 2000560583 20000428; US
    2000560584 20000428; US 2000560640 20000428; US 2000560641 20000428; US
    2000560642 20000428; US 2000560643 20000428; US 2000560644 20000428; US
    2000560645 20000428; US 2000560646 20000428; US 2000560647 20000428; US
    2000613093 20000428; US 2000616093 20000428; US 2000616093 20000713

20/TI,PR/24   (Item 14 from file: 349)

INTERACTIVE TOY APPLICATIONS
APPLICATIONS POUR JOUETS INTERACTIFS
  Priority Application: US 2000192011 20000324; US 2000192012 20000324; US
    2000192013 20000324; US 2000192014 20000324; US 2000193697 20000331; US
    2000193699 20000331; US 2000193702 20000331; US 2000193703 20000331; US
    2000193704 20000331; US 2000195861 20000407; US 2000195862 20000407; US
    2000195863 20000407; US 2000195864 20000407; US 2000195865 20000407; US
    2000195866 20000407; US 2000196227 20000410; US 2000197573 20000417; US
    2000197576 20000417; US 2000197577 20000417; US 2000197578 20000417; US
    2000197579 20000417; US 2000200508 20000428; US 2000200513 20000428; US
    2000200639 20000428; US 2000200640 20000428; US 2000200641 20000428; US
    2000200647 20000428; US 2000203175 20000508; US 2000203177 20000508; US
    2000203182 20000508; US 2000203244 20000508; US 2000204201 20000515; US
    2000204200 20000515; US 2000207126 20000525; US 2000207128 20000525; US
    2000208105 20000526; US 2000208390 20000530; US 2000208391 20000530; US
    2000208392 20000530; US 2000209471 20000605; US 2000210443 20000608; US
    2000210445 20000608; US 2000212696 20000619; US 2000215360 20000630; US
    2000216237 20000705; US 2000216238 20000705; US 2000217357 20000712; US
    2000219234 20000718; US 2000220276 20000724; US 2000221933 20000731; US
    2000223877 20000808; US 2000227112 20000822; US 2000229371 20000830; US
    2000229648 20000831; US 2000231105 20000908; US 2000231103 20000908; US
    2000234883 20000925; US 2000234895 20000925; US 2000239329 20001010; US
    2000253362 20001127; US 2000250332 20001129; US 2000254699 20001211; US
    2001267350 20010208

20/TI,PR/25   (Item 15 from file: 349)

A SYSTEM AND METHOD FOR ANALYZING A QUERY AND GENERATING RESULTS AND

RELATED QUESTIONS
SYSTEME ET PROCEDE D'ANALYSE D'UNE INTERROGATION ET DE GENERATION DE
    RESULTATS ET DE QUESTIONS APPARENTEES
  Priority Application: US 2000189925 20000316

 20/TI,PR/26   (Item 16 from file: 349)
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207 HUMAN SECRETED PROTEINS
207 PROTEINES HUMAINES SECRETEES
  Priority Application: US 2000184836 20000224; US 2000193170 20000329

 20/TI,PR/27   (Item 17 from file: 349)
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IMPROVED DATABASE ACCESS SYSTEM
SYSTEME D'ACCES A DES BASES DE DONNEES AMELIORE
  Priority Application: US 2000182840 20000216

 20/TI,PR/28   (Item 18 from file: 349)
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NUCLEIC ACIDS, PROTEINS, AND ANTIBODIES
ACIDES NUCLEIQUES, PROTEINES ET ANTICORPS
  Priority Application: US 2000179065 20000131; US 2000180628 20000204; US
    2000184664 20000224; US 2000186350 20000302; US 2000189874 20000316; US
    2000190076 20000317; US 2000198123 20000418; US 2000205515 20000519; US
    2000209467 20000607; US 2000214886 20000628; US 2000215135 20000630; US
    2000216647 20000707; US 2000216880 20000707; US 2000217487 20000711; US
    2000217496 20000711; US 2000218290 20000714; US 2000220963 20000726; US
    2000220964 20000726; US 2000225757 20000814; US 2000225270 20000814; US
    2000225447 20000814; US 2000225267 20000814; US 2000225758 20000814; US
    2000225268 20000814; US 2000224518 20000814; US 2000224519 20000814; US
    2000225759 20000814; US 2000225213 20000814; US 2000225266 20000814; US
    2000225214 20000814; US 2000226279 20000818; US 2000226868 20000822; US
    2000227182 20000822; US 2000226681 20000822; US 2000227009 20000823; US
    2000228924 20000830; US 2000229344 20000901; US 2000229343 20000901; US
    2000229287 20000901; US 2000229345 20000901; US 2000229513 20000905; US
    2000229509 20000905; US 2000230438 20000906; US 2000230437 20000906; US
    2000231413 20000908; US 2000232080 20000908; US 2000231414 20000908; US
    2000231244 20000908; US 2000232081 20000908; US 2000231242 20000908; US
    2000231243 20000908; US 2000231968 20000912; US 2000232401 20000914; US
    2000232399 20000914; US 2000232400 20000914; US 2000232397 20000914; US
    2000233063 20000914; US 2000233064 20000914; US 2000233065 20000914; US
    2000232398 20000914; US 2000234223 20000921; US 2000234274 20000921; US
    2000234997 20000925; US 2000234998 20000925; US 2000235484 20000926; US
    2000235834 20000927; US 2000235836 20000927; US 2000236369 20000929; US
    2000236327 20000929; US 2000236370 20000929; US 2000236368 20000929; US
    2000236367 20000929; US 2000237039 20001002; US 2000237038 20001002; US
    2000237040 20001002; US 2000237037 20001002; US 2000236802 20001002; US
    2000239937 20001013; US 2000239935 20001013; US 2000241785 20001020; US
    2000241809 20001020; US 2000240960 20001020; US 2000241787 20001020; US
    2000241808 20001020; US 2000241221 20001020; US 2000241786 20001020; US
    2000241826 20001020; US 2000244617 20001101; US 2000246474 20001108; US
    2000246532 20001108; US 2000246476 20001108; US 2000246526 20001108; US
    2000246475 20001108; US 2000246525 20001108; US 2000246528 20001108; US
    2000246527 20001108; US 2000246477 20001108; US 2000246611 20001108; US
    2000246610 20001108; US 2000246613 20001108; US 2000246609 20001108; US
    2000246478 20001108; US 2000246524 20001108; US 2000246523 20001108; US
    2000249299 20001117; US 2000249210 20001117; US 2000249216 20001117; US
    2000249217 20001117; US 2000249211 20001117; US 2000249215 20001117; US
    2000249218 20001117; US 2000249208 20001117; US 2000249213 20001117; US
    2000249212 20001117; US 2000249207 20001117; US 2000249245 20001117; US

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2000249244 20001117; US 2000249297 20001117; US 2000249214 20001117; US
2000249264 20001117; US 2000249209 20001117; US 2000249300 20001117; US
2000249265 20001117; US 2000250391 20001201; US 2000250160 20001201; US
2000256719 20001205; US 2000251030 20001205; US 2000251988 20001205; US
2000251479 20001206; US 2000251869 20001208; US 2000251856 20001208; US
2000251868 20001208; US 2000251990 20001208; US 2000251989 20001208; US
2000254097 20001211; US 2001259678 20010105
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20/TI,PR/29   (Item 19 from file: 349)

A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS
PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU
   Priority Application: US 99470805 19991222; US 99469525 19991222; US
      99470039 19991222

20/TI,PR/30   (Item 20 from file: 349)

METHOD AND SYSTEM FOR EMPLOYMENT PLACEMENT
PROCEDE ET SYSTEME DE PLACEMENT DE PERSONNEL
   Priority Application: US 99170352 19991213

20/TI,PR/31   (Item 21 from file: 349)

PROGRAMS AND METHODS FOR THE DISPLAY, ANALYSIS AND MANIPULATION OF
   MULTI-DIMENSION DATA IMPLEMENTED ON A COMPUTER
PROGRAMMES ET PROCEDE D'AFFICHAGE, D'ANALYSE ET DE MANIPULATION DE DONNEES
   MULTIDIMENSIONNELLES EXECUTES SUR UN ORDINATEUR
   Priority Application: US 99165427 19991115; US 2000189925 20000316

20/TI,PR/32   (Item 22 from file: 349)

INVESTMENT ADVICE SYSTEMS AND METHODS
SYSTEMES ET PROCEDES DE CONSEIL EN INVESTISSEMENTS
   Priority Application: US 99161258 19991025

20/TI,PR/33   (Item 23 from file: 349)

METHOD OF DYNAMICALLY RECOMMENDING WEB SITES AND ANSWERING USER QUERIES
   BASED UPON AFFINITY GROUPS
PROCEDE PERMETTANT DE RECOMMANDER DE MANIERE DYNAMIQUE DES SITES WEB ET
   DE REPONDRE A DES REQUETES D'UTILISATEURS REPARTIS PAR GROUPES
   D'AFFINITE
   Priority Application: US 99157632 19991004

20/TI,PR/34   (Item 24 from file: 349)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE
   INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION METTANT EN OEUVRE UNE INTERFACE
   ADRESSABLE LOCALEMENT DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE
   SERVICES DE COMMUNICATION
   Priority Application: US 99387064 19990831

20/TI,PR/35   (Item 25 from file: 349)

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A
    TRANSACTION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION APPLIQUES DANS UN TRIEUR DE
    REQUETES D'UN ENVIRONNEMENT DE STRUCTURES DE SERVICES DE TRANSACTIONS
  Priority Application: US 99386715 19990831

20/TI,PR/36   (Item 26 from file: 349)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR DETERMINING CAPABILITY
    LEVELS OF A MONITORING PROCESS AREA FOR PROCESS ASSESSMENT PURPOSES IN
    AN OPERATIONAL MATURITY INVESTIGATION
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR DETERMINER LES NIVEAUX DE
    CAPACITE D'UNE ZONE DE PROCESSUS DE SURVEILLANCE A DES FINS
    D'EVALUATION DE PROCESSUS DANS UNE ETUDE DE MATURITE OPERATIONNELLE
  Priority Application: US 99361622 19990726

20/TI,PR/37   (Item 27 from file: 349)

IMPROVED SCALABLE ARCHITECTURE AND METHODS FOR E-COMMERCE APPLICATIONS IN A
    CLUSTERED COMPUTER SYSTEM
ARCHITECTURE A GEOMETRIE VARIABLE AMELIOREE ET PROCEDES POUR DES
    APPLICATIONS DE COMMERCE ELECTRONIQUE DANS UN SYSTEME INFORMATIQUE EN
    GRAPPE
  Priority Application: US 99346155 19990630; US 99346074 19990630; US
    99346000 19990630; US 99345250 19990630; US 99344266 19990630

20/TI,PR/38   (Item 28 from file: 349)

143 HUMAN SECRETED PROTEINS
143 PROTEINES HUMAINES SECRETEES
  Priority Application: US 99134068 19990513

20/TI,PR/39   (Item 29 from file: 349)

DESCRIPTOR FOR A VIDEO SEQUENCE AND IMAGE RETRIEVAL SYSTEM USING SAID
    DESCRIPTOR
DESCRIPTEUR POUR UNE SEQUENCE VIDEO ET SYSTEME DE RECUPERATION D'IMAGES
    UTILISANT LEDIT DESCRIPTEUR
  Priority Application: EP 99400219 19990201

20/TI,PR/40   (Item 30 from file: 349)

AN OBJECT MANAGEMENT SYSTEM SUPPORTING THE USE OF APPLICATION DOMAIN
    KNOWLEDGE MAPPED TO TECHNOLOGY DOMAIN KNOWLEDGE
SYSTEME DE GESTION D'OBJETS PERMETTANT LA MISE EN CORRESPONDANCE DE
    CONNAISSANCES DE DOMAINES D'APPLICATIONS AVEC DES CONNAISSANCES DE
    DOMAINES DE TECHNOLOGIES
  Priority Application: US 98173095 19981014

20/TI,PR/41   (Item 31 from file: 349)

DATA PROCESSING SYSTEM
SYSTEME DE TRAITEMENT DE DONNEES
   Priority Application: GB 9819389 19980904

  20/TI,PR/42   (Item 32 from file: 349)

METHOD AND APPARATUS FOR GENERATING MUSICAL EFFECTS
PROCEDE ET APPAREIL DE GENERATION D'EFFETS MUSICAUX
   Priority Application: US 9872918 19980128; US 9872919 19980128; US
      9872921 19980128; US 9872922 19980128

  20/TI,PR/43   (Item 33 from file: 349)

SYSTEM AND METHOD FOR DYNAMIC PROFILING OF USERS IN ONE-TO-ONE APPLICATIONS
      AND FOR VALIDATING USER RULES
SYSTEME ET PROCEDE D'ETABLISSEMENT DYNAMIQUE DE PROFIL UTILISATEUR DANS DES
      APPLICATIONS BIUNIVOQUES ET DE VALIDATION DE REGLES UTILISATEUR
   Priority Application: US 97970359 19971114

  20/TI,PR/44   (Item 34 from file: 349)

IMPROVEMENTS IN, OR RELATING TO, ELECTRONIC PAYMENT SYSTEMS
AMELIORATIONS CONCERNANT DES SYSTEMES DE PAIEMENT ELECTRONIQUE
   Priority Application: SE 974078 19971107

  20/TI,PR/45   (Item 35 from file: 349)

ALLELIC POLYGENE DIAGNOSIS OF REWARD DEFICIENCY SYNDROME AND TREATMENT
DIAGNOSTIC D'UN SYNDROME D'INSATISFACTION A L'AIDE DE POLYGENE ALLELIQUE ET
      TRAITEMENT ASSOCIE
   Priority Application: US 9744394 19970429

  20/TI,PR/46   (Item 36 from file: 349)

METHOD AND SYSTEM FOR ANALYSIS OF LONG TERM PHYSIOLOGICAL POLYGRAPHIC
      RECORDINGS
PROCEDE   ET   SYSTEME   POUR L'ANALYSE D'ENREGISTREMENTS POLYGRAPHIQUES
      PHYSIOLOGIQUES A LONG TERME
   Priority Application: US 87765 19870626

  20/TI,PR/47   (Item 37 from file: 349)

AUTOMATED PCB ANALYZER SYSTEM
SYSTEME D'ANALYSE AUTOMATIQUE DE BIPHENYLES POLYCHLORES
   Priority Application: WO 83US325 19830307

00551280   **Image available**
DATA PROCESSING SYSTEM
SYSTEME DE TRAITEMENT DE DONNEES
Patent Applicant/Assignee:
  SHELL SERVICES INTERNATIONAL LIMITED,
  ANGUS Christopher,
  OTTMANN Douglas John Bruce,
Inventor(s):
  ANGUS Christopher,
  OTTMANN Douglas John Bruce,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200014653 A1 20000316 (WO 0014653)
  Application: WO 98GB3440 19981116 (PCT/WO GB9803440)
  Priority Application: GB 9819389 19980904
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE DK EE
  ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
  MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
  US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
  BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
  GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 26084

Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... vast volume of data of various types. For example, a business may
  generate daily files **containing** records iternising every sale through
  every outlet; records iternising stock orders and inventories; records
  iternising taxes paid, and so on. As each process undertaken **within** an
  organisation is automated, the volume of data available in **electronic**
  form increases.

  It would be desirable to collect all such data for analysis. To maintain
  ...

...as "warehousing" the data - i.e. storing it in a data "warehouse" - a
  large store **containing** one or more databases of such records.

  However, the formats used for sales records differ...
...records, for example. It is therefore difficult to combine the data from
  such different sources **within** an organisation (or across
  organisations). It might be thought possible to use a common format...

...in different territories.

  Finally, existing organisations (especially large organisations) actually
  change their structures over time - **incorporating** new components (with
  new record systems) and divesting components over time, or changing
  internal organisational...

...the tables loaded via the loading routines are then merged on the basis
  of an **integrated** data model (i.e. a model which allows combination of
  the data from different stored transactions, using data reflecting the
  structure of the organisation and/or the transactions). The **integrated**
  data model is pre-structured in accordance with the business
  requirements, and the format of the source data of the external data
  sources.

  The **integrated** data model is inflexible, i.e. it is designed to contain

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only data corresponding to...

...are employed respectively. The data in the database 2 is represented in accordance with an **integrated** data model IO. In order to convert the loaded data from its source data model representation into the **integrated** data model representation, a separate loading routine 7, 8 and 9 for each external data source 4, 5 and 6, respectively, is required. The **integrated** data model 10 is specifically designed for the inclusion of data from the external data...from an additional external database is to be included in the database 2, a new **integrated** data model IO has to be designed.

Data queries 3 are created in order to...

...database is populated, any changes to the business requirements, for example, on which basis the **integrated** data model is designed requires a new **integrated** data model to be created. Such a new **integrated** data model can be created redesigning the existing **integrated** data model, defining the (new and old) data sources from which data is to be...

...however, new entities which reflect the change in business requirements are added to the existing **integrated** data model without changing the existent data. This can lead to a discrepancy between the...connections 23a, 23b and 23c, respectively (for example forming part of a Local Area Network (**LAN**)). Also, the server 21 is connected to databases 24a and 24b through connections 25a and 25b, respectively (for example forming part of a Wide Area Network (**WAN**)). The databases 24a and 24b serve for collecting external data 1 5 (illustrated by arrows...is classified as reference data, transaction data and the metadata. All three types are held **within** particular defined tables **within** an available database program (for example, OracleTM) in the storage device of the server 21...

...respective business entities, and the associations between them. A business entity is an identifiable thing **within** the business to which costs, sales and other information resulting from individual business transactions (held...

...defines a type of data item (also known as a measure). Examples include "sales volume", " **net** proceeds", etc.

A measure may be defined as a stored formula calculated from one or...

...typically only be analysed over one. Many of the entities correspond to parties to transactions **within** the transaction data (e.g. the buyer or the seller, or parts thereof). In addition...e.g. multiplication by a constant to convert between two units of weight) are stored **within** the system. If the selected unit is different from the associated unit, then the stored...

...product sales, a section for bulk sales, a section for inventory records and so on. **Within** each, periodically, new transaction records are loaded from the external data 5 sources as discussed...

...This is illustrated by Figures 8a and 8b.

Figure 8a shows a reference data element **containing** fields 80 and 8 1. Field 80 holds the actual reference data entry such as...

...data element (see field 81 in Figure 8a). For example, association 75 of Figure 7 **contains** the identifiers of the brand manager 71 and the brand family 72.

The period of...stored in field 93. In addition, the map table row comprises fields 94 and 95 **containing** reference data elements which are also included in the hierarchical structure, namely the product name...

...measures.

The purpose of the metadata is to provide a catalogue of what information is **contained** in the data processing system, to find data in the data processing system, and to...been input at the workstations 22, the metadata is stored in the OracleTm database held **within** the storage device (e.g. large capacity disk device) of the server 2 1.

Loading...the way discussed in connection with Figures 6 to 8b, in the OracleTm database held **within** the storage device (e.g. large capacity disk device) of the server 2 1.

On...

...then the user may also select whether or not the reference data to be loaded **contains** any details for that parent class of reference data.

As set out in connection with Figures 8a and 8b, each object **contained** in the I 0 data processing system may be associated with a period of validity...

...of validity is set on loading of the reference data. By default, the start date **contained** in each reference data element is defined as the date of loading. However, the start...data processing system identifies against which reference a transaction is measured and generates the pointers **contained** in a transaction data item as shown in Figure 5.

Accordingly, each stored transaction data...

...the input devices of the workstation, to browse the stored metadata and reference data held **within** the server 21, and to generate the graphic display of Figures 17 or 18.

The...

...compared with the periods of validity of each association, and those for which it lies **within** the period are utilised for analysis as discussed below.

Particular typical hierarchical structures
As an...adapted if the new product is classified differently. In contrast, the new product is simply **incorporated** in the existing hierarchy since the data model supports a variable depth classification of the...

...arranged in a hierarchy, but are not allocated hierarchically arranged different classes of business data **within** the metadata; instead, all are instances of the same class. For example a single metadata...

...to select and combine data from across multiple transaction datasets in order to generate a **virtual** hypercube for subsequent use by an analysis tool such as Microsoft ExceITM. The different selected...

...some way.

Also, the user may select transaction datasets from different underlying classes of transaction **containing** different measures, but which are analysed against one or more common dimensions.

Referring to Figure...and to determine whether, and how, the analysis can be performed.

If all transaction records **containing** a reference to that product also contain a reference to the desired measure (price) and...

...the possible options in order to select the set of sources which will, (where necessary **within** a predetermined margin of uncertainty), most

cheaply (in terms of processing overhead) satisfy the requirement...for example).

3. The query definition may also define for each class of business entity **incorporated** in the query definition which attributes (that is identifiers, descriptors and other I 0 associated...

...of time to be covered by the query.

7. The following definition of the phrase '... **contained** in a transaction dataset' will apply in the descriptions that follow thereafter.

8. A class of business entity is said to be **contained** in a transaction dataset if any one of the following conditions hold.

0 It is...

...a dimension.

0 It is a parent of a class of business entity that is **contained** in that transaction dataset.
0 It is a subtype of a class of business entity that is **contained** in that transaction dataset.

9. A class of data item is said to be **contained** in a transaction dataset if any one of the 1 5 following conditions hold.

It...

...is a class of data item derivable by formula from other classes of data item **contained** in that transaction dataset.

It is a class of data item derivable by aggregation and the underlying class of data item is **contained** 'in that transaction dataset and each business entity against which theunderlying class of data item may be aggregated is classified in terms of a class of business entity **contained** in that transaction dataset.

IO. If a class of data item is directly or indirectly...

...transaction dataset. In such a case a class of data item is said to be **contained** in a set of transaction datasets if all of the following conditions apply.
0 It...item directly or indirectly derivable from other classes of data item each of which is **contained** in one of that set of transaction datasets.

No member of that set of transaction...

...any step that follows, and when the condition of a class of business entity being **contained** **within** a transaction dataset is being tested for, that condition is regarded as being satisfied in respect of that set oftransaction datasets if that class of business entity is **contained** in each one of that set of transaction datasets.

I 1. Initially, but subject to...

...all classes of data item and all classes of business entity are available to be **incorporated** into the query definition subject to the following two provisos.

12. A class of data item is only available to be **incorporated** if it is **contained** in one or more transaction datasets or sets of transaction datasets.
13. A class of business entity is only available to be **incorporated** if

it is **contained** in one or more transaction datasets or sets of transaction datasets.

14. Initially the user may **incorporate** any available class of data item or class of business entity into the query definition.

15. The act of **incorporating** a class of data item or class of business entity into a query definition will...

...or the set of classes of data item respectively that are then available to be **incorporated** into that query definition.

16. The system recomputes the set of available classes of business...

...the 'viable measures' after any class of data item or class of business entity is **incorporated** or unincorporated in the query definition.

17. When defining the query definition in an interactive...

...dimensions to guide and assist in the process of selecting suitable measures and dimensions for **incorporation** into the query.
18. A class of data item is regarded as a viable measure for **incorporation** in the query definition if it is **contained** in one or more transaction datasets or sets of transactions datasets in each of which for each class of business entity **incorporated** in the query definition that class of business entity is **contained** in that transaction dataset or set of transaction datasets.

19. A class of data item...

...viable measure if it is a nontemporal class of data and if the query definition **incorporates** a dimension that is temporal. A nontemporal class of data item is one whose values...

...with time.

20. A class of business entity is regarded as a viable dimension for **incorporation** in the query definition if, for each class of data item that is **incorporated** in the query definition, there exists one or more transactions datasets or sets of transaction...

...of transaction datasets the following conditions all apply.
0 That class of data item is **contained** **within** that transaction dataset or set of transaction datasets.

0 That class of business entity is **contained** **within** that transaction dataset or set of transaction datasets.

0 Each class of business entity that is **incorporated** in the query definition is **contained** **within** that transaction dataset or set of transaction datasets.

I 0 21. A class of business...

...dimension if it is a temporal class of business entity and if the query definition **incorporates** a measure that is a non-temporal class of data item.

22. The system allows the end user to **incorporate** any number of viable classes of business entity and viable classes of business entity into the query definition 1 5 provided that the completed query definition **contains** at least one dimension and at least one measure (except that for some purposes it...
...two or more dimensions but no measures).

23. When a class of business entity is **incorporated** 'in a query

definition the system will also recursively **incorporate** the class of business entity, if one exists, that is the ?principal parent' of that class of business entity.

24. The system requires that if the query definition **incorporates** temporal measures it must also **incorporate** a temporal dimension. Such a query is referred to as a 'temporal query'.

25. Zero...

...entity is classified in terms of a class of business entity that is.

0 Already **incorporated** in the query definition, or.

0 Is a viable dimension.

27. **Incorporating** a constraint of this form causes the corresponding class of business entity to be treated as if it were **incorporated** in the query definition in terms of computing the set of viable measures. 28. It...be analysed against the specified class of business entity, I 0 if the transaction dataset **contains** neither that class of business entity nor any from which it may be derived nor...

...either direction).

1 5 0 The measure may be partially analysed, if the transaction dataset **contains** a class of business entity that is derivable from the specified class of business entity (that is, a path exists **within** the dimensional hierarchy from the specified class of business entity to a business entity in...

...against the specified class of business entity, either because that class of business entity is **within** the transaction dataset or because a path exists in the dimensional hierarchy from a class of business entity **within** the analysis dataset to the specified class of business entity.

3. The above scoring function...

...of all possible sets that will provide the closest approach to the requested analysis which **contains** the lowest number of rows to be scanned. The algorithm presented here may equally be...data item might be sourced.

Step 2003 - Prune Formula Evaluation Trees
1. If the query **contains** any formula evaluation trees they should be processed to prune out suboptimum evaluation routes. This...

...hypercube.

2. The database tables on which the resultant queries will operate include.

The tables **containing** the individual transaction datasets as identified by the previous part of the process. A transaction dataset **contains** .

Columns **containing** values corresponding to classes of data item.

0 Columns **containing** references to the currency or unit of measure in which an individual value is denominated.

Columns **containing** references to business entities belonging to specified
classes of business entity. For a temporal transaction dataset this will include a column **containing** references to the period of time to which the transaction or summary transaction applies.

A column **containing** the transaction dates on which individual transactions took place or are deemed to have taken...essence a mapping table is generated for each dimensional hierarchy. In outline a mapping table **contains** .

A column **containing** references to the business entities in the dimension.

A pair of columns that together determine periods of time.

Columns **containing** references to business entities belonging to individual
classes of business entity in the dimensional hierarchy...

...relationships with other business entities above it I 0 in the dimensional hierarchy.

The tables **containing** individual transaction datasets that contain sets of currency exchange rates and conversions between units of...of validity, and individual datasets can be considered to cover a "temporal period" which falls **within** the temporal periods of validity of the applicable relationships in the data model. Note that...

...of the invention permit datasets to relate to different subsets of the entity class relationships **contained** in the data model regardless of time, as long as there is some way of...

...the invention can be used to warehouse and analyse data that derive from diverse departments **within** a large organisation, each of which provides its data according to a different business organisational...

...as at least including those entity class relationships that relate to entity classes which are " **contained** " (as that term is defined elsewhere herein) in the dataset, and whose temporal periods of...

Claim
... for the selected entities, selecting the entity relationships which have associated
historical periods of validity **within** which said analysis date lies; and
selecting said subset using those selected entity relationships.

5...

...record in accordance with the relationships between entities which have associated historical periods of validity **within** which the date of that operation record lies.

8 The system of claim 1, wherein...

...each past or present relationship between a pair of said entities;
each said entity record **containing** data representing its historical period of validity.

11 The system of any preceding claim, wherein...
...processor is
programmed to:
input a historical analysis period; and
determine, for said operation records **within** said period, if said operation records relate to said selected entities throughout the whole of...

...records. 1 5 16. The system of any preceding claim in which said storage means **contains** multiple sets of said operation records, each said set

comprising multiple said operation records, said sets relating to different classes of operations and said records **within** each set relating to different instances of the same type of operation.

17 The system of claim 16, in which each said operation record **contains** at least one variable data field storing a value of a measure from a range...

...18 The system of claim 16 or claim 17, in which said storage means further
 contains :
c) metadata comprising multiple operation definition records, each defining the fonnat of records of a...
...system of claim 16 or claim 17, in which said storage means further
I 0 **contains** :
c) metadata comprising multiple unit definition records, defining the relationship between different said units.

21...said query. ....
sm,lc, 0,la M.'JO Loading
lop
F Rotilines
Building
.... Voillifles
....
cn **Integrated** Data Model
Loading
Roullfles
m r I
cn
I J-J Shop
m II-'I...

...PROC
(CPU) 23c 22c
24a 25@
b
22b
PROGRAM
TRANSACTION RAM
DATABASE
a
FiGir 2
 QUERY & OUTPUT VIEW DATA
TRANSACTION LOAD **GUI**
REFERENCE LOAD COMMS
212'@@ AMEND DATA OPERATING SYS
FIG. 20
SUBSTITUTE SHEET (RULE 26)
34...than minimum documentation to the extent that such documents are included in the fields searched **Electronic** data base consulted during the international search (name of data base and, where practical, search ...

...claim No.
X CHAN R: "12 steps of creating a 1-82
successful data warehouse"
 DATA MINING DATA WAREHOOUSING AND CLIENT/SERVER DATABASES PROCEEDINGS OF THE INTERNATIONAL DATABASE WORKSHOP, page 227 248...

20/3,K/43 (Item 33 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

EKD March 13, 2003

00494828   **Image available**

SYSTEM AND METHOD FOR DYNAMIC PROFILING OF USERS IN ONE-TO-ONE APPLICATIONS AND FOR VALIDATING USER RULES
SYSTEME ET PROCEDE D'ETABLISSEMENT DYNAMIQUE DE PROFIL UTILISATEUR DANS DES APPLICATIONS BIUNIVOQUES ET DE VALIDATION DE REGLES UTILISATEUR

Detailed Description
... various one-to-one marketing applications, such as, e.g.,
  shopping assistant application and dynamic **Web** site content
  presentation. A number of problems have been encountered in
  these marketing applications. One...

...profiles that can
  be generated - a "static" profile and a "dynamic" profile.

  The static profile **contains** all of the factual information of
  the user including, for example, demographic data (e.g...

...problems. Many transactional systems (e.g., airline
  reservations systems, credit card transactional systems and/or
  Web site management systems) generate a various number of
  transactions for each user. For example, some...invention can be used in
  various systems (e.g., Personal Shopping Assistant and
  Personal Intelligent **Digital** Assistant) to provide better
  recommendations to the users as to which products and services
  each individual user should utilize. Accordingly, the user
  Web Content Presentation systems can include the system and
  method according to the present invention because...

...users
  will be provided with better quality profiles to facilitate
  the provision of more pertinent **Web** pages to the user visiting
  a particular **Web** site. Fraud detection systems may also
  include the system and method according to the present...illustrated in
  Fig. 6a.

  Fig. 7 shows a block diagram of an exemplary
  Personal Intelligent **Digital** Assistant system according to the
  present invention.

  Fig. 8 shows a flow diagram of another...DETAILED DESCRIPTION OF THE
  INVENTION
  In many customer-related applications (e.g.,
  banking, credit card, **Internet** marketing applications, etc.),
  user profiles for each user (or customer) are generated to
  better understand...
...a particular user. These transactions may be, for example,

credit card transactions, airline reservations and **Web** site
visit transactions, and are stored in the "TRANS" file which
has the following format...and irrelevant. In many systems (e.g, airline reservations
systems, credit card transactional systems, or **Web** site usage
systems), it is possible to have from as little as a few dozen...clusters in the
group of clusters have been evaluated. As an illustration, if
cluster Clustj **contains** three 3 -dimensional points (O IO 1 1) I
(01110), (1,0.1), corresponding to...that the domains of attributes C2 and
C3 are discrete. If these domains were continuous, **integration** Clusti
and ClUSt2. Assuming that the dummy variables are
uniformly distributed over their domains, the...

...for fixed values of random variables can
he calculated. Thereafter, the random variables are either
 integrated (for continuous random variables) or summed (for
discrete random variable) over different values of these...the present invention can be
used in a Personal Shopping Assistant (PSA), a Personal
Intelligent **Digital** Assistant (PIDA), and in a dynamic **Web**
content presentation system, described below.

A Personal Shopping Assistant (PSA) system according
to the present...goes to France, the user often buys perfumes
in Paris", "if user Y visits a **Web** site from the site Z in the
evening, user Y does not spend a predetermined...in the art.

For example, if the user needs to buy a pair of jeans **within**
the next two months, the Purchasing Recommendations module 145
selects the merchants selling jeans, e...

...the cheapest pair of
jeans that fits the use's requirements (considering the
promotions offered **within** the next two months) by matching to
the user profile (i.e., the user's...user's
is consideration.

The PSA service can also be used in a Personal
Intelligent **Digital** Assistant (PIDA) service as illustrated in
Fig. 7. Each user subscribing to this additional service is
provided with a Personal **Digital** Assistant (PDA) (e.g., the
remote device 350 or the User Transaction Collection and
Recording...130 (e.g., via e-mail or through
another intelligent user interface).

The PIDA service **incorporating** the system and method
according to the present invention can be used for notifying
the...In step 405, all user rules are combined
to form Set S. Set S initially **contains** all related (e.g.,
similar) subsets of the unvalidated individual user rules for
all users...to the
human expert (i.e., looped back to step 410) so that the rules
 within new Set S may be reclassified using the process and/or
the arrangement according to...

...methods.

A predetermined number of the remaining subsets (which
can also be a single subset) **contained** in Set S are
selected and merged together to form new subsets. The
above-described...a subset of
rules and splits this subset into at least 2 subsets: one
subset **contains** rules which pass a predetermined selection
criteria of the filter, and another subset **contains** rules

which do not. In particular, this selection criteria may be
3 0
specified using...

...Programming Interface and Query Language for
Database Mining," Proceedings of the Second International
Conference on **Knowledge** **Discovery** and **Data** **Mining** , August 1996
introduced "M-SQL" for association rule discovery which is
based on **software** **query** language ("SQL") modified with
additional **data** **mining** operators. However, the exemplary
embodiment of the **data** **mining** query does not depend on any
specific language.

For the following exemplary request, "Find all...node N7. In particular,
the first level of
field C12 is a leaf 540, which **contains** field C12 and a
relational operator %%<If. Below leaf 540, a lowest leaf of
field...

...value "2011. In
addition, the first level of field C13 is a leaf 545, which
contains field C13 and a relational operator 11=11. Below leaf
545, a lowest leaf of...

Claim
... user.

28 The system according to claim 27, wherein the remote unit
includes a personal **digital** assistant device accepting
commands from the user and providing a currents state of the
user...

21/TI,PR/1   (Item 1 from file: 348)

Implementing a neural network in a database system
Neuronalnetzwerkimplementierung in einer Datenbank
Implementation d'un reseau neuronal dans une base de donnees
PRIORITY (CC, No, Date): US 797353 010228

21/TI,PR/2   (Item 2 from file: 348)

Printer having image correcting capability
Drucker mit Bildkorrekturfahigkeit
Imprimante avec capacite de correction d'image
PRIORITY (CC, No, Date): JP 98181254 980626; JP 98240475 980826; JP
    98260465 980914

21/TI,PR/3   (Item 3 from file: 348)

High performance, low cost microprocessor
Preisgunstiger Hochleistungsmikroprozessor
Microprocesseur de haute performance et de faible cout
PRIORITY (CC, No, Date): US 389334 890803

21/TI,PR/4   (Item 4 from file: 348)

Apparatus for measuring the thickness of a thin film.
Vorrichtung zur Dickenmessung einer dunnen Schicht.
Appareil pour la mesure d'epaisseur d'une couche mince.
PRIORITY (CC, No, Date): JP 87128962 870525; JP 88124155 880520

21/TI,PR/5   (Item 5 from file: 348)

Method, apparatus and system for recognising broadcast segments.
Verfahren, Apparat und System zur Wiedererkennung von Rundfunkausschnitten.
**Methode, appareil et systeme pour la reconnaissance d'echantillons d'une
    radio diffusion.**
PRIORITY (CC, No, Date): US 859134 860502

21/TI,PR/6   (Item 6 from file: 348)

Digital engine analyzer.
Digitaler Analysator fur einen Motor.
Analyseur numerique pour un moteur.
PRIORITY (CC, No, Date): US 769150 850823

21/TI,PR/7   (Item 1 from file: 349)

SUMMARIZING AND CLUSTERING TO CLASSIFY DOCUMENTS CONCEPTUALLY
**PRODUCTION DE RESUMES ET REGROUPEMENT POUR LA CLASSIFICATION CONCEPTUELLE
    DE DOCUMENTS**
 Priority Application: US 2001928743 20010813

21/TI,PR/8   (Item 2 from file: 349)

EKD   March 13, 2003

BROADBAND COMMUNICATIONS
COMMUNICATIONS A LARGE BANDE
  Priority Application: EP 2001401767 20010703; WO 2002GB1461 20020326; WO
    2002GB2372 20020522

21/TI,PR/9   (Item 3 from file: 349)

BROADBAND COMMUNICATIONS
COMMUNICATIONS A LARGE BANDE
  Priority Application: EP 2001401351 20010522; EP 2001401767 20010703; WO
    2002GB1461 20020326

21/TI,PR/10   (Item 4 from file: 349)

A METHOD FOR GRAPHICALLY DEPICTING DRUG ADVERSE EFFECT RISKS
PROCEDE DE REPRESENTATION GRAPHIQUE DES RISQUES D'EFFETS INDESIRABLES DES
    MEDICAMENTS
  Priority Application: US 2001681586 20010502

21/TI,PR/11   (Item 5 from file: 349)

BROADBAND COMMUNICATIONS
COMMUNICATIONS A LARGE BANDE
  Priority Application: EP 2001480025 20010326; EP 2001401351 20010522; EP
    2001401767 20010703

21/TI,PR/12   (Item 6 from file: 349)

SYSTEMS AND METHODS FOR DYNAMIC DETECTION AND PREVENTION OF ELECTRONIC
    FRAUD AND NETWORK INTRUSION
SYSTEMES ET PROCEDES DE DETECTION ET DE PREVENTION DYNAMIQUES DE FRAUDE
    ELECTRONIQUE ET D'INTRUSIONS SUR UN RESEAU
  Priority Application: US 2001810313 20010315

21/TI,PR/13   (Item 7 from file: 349)

A SYSTEM AND METHOD FOR RETRIEVING AND USING GENE EXPRESSION DATA FROM
    MULTIPLE SOURCES
SYSTEME ET PROCEDE D'EXTRACTION ET D'UTILISATION DE DONNEES D'EXPRESSION
    GENIQUE PROVENANT DE MULTIPLES SOURCES
  Priority Application: US 2001275465 20010314

21/TI,PR/14   (Item 8 from file: 349)

A SYSTEM AND METHOD FOR MANAGING GENE EXPRESSION DATA
SYSTEME ET PROCEDE SERVANT A GERER DES DONNEES D'EXPRESSION GENIQUE
  Priority Application: US 2001797830 20010305

21/TI,PR/15   (Item 9 from file: 349)

SYSTEM AND METHOD FOR MULTI-MODAL FOCUS DETECTION, REFERENTIAL AMBIGUITY
    RESOLUTION AND MOOD CLASSIFICATION USING MULTI-MODAL INPUT
PROCEDE DE TRAITEMENT MULTIMODAL
    Priority Application: US 2001776654 20010205

  21/TI,PR/16   (Item 10 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

MEDICAL IMAGE PROCESSING SYSTEMS
SYSTEME DE TRAITEMENT D'IMAGES MEDICALES
    Priority Application: US 2000234108 20000921; US 2000234435 20000921; US
        2000234114 20000921; US 2000234115 20000921

  21/TI,PR/17   (Item 11 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

AUTHORIZED USER VERIFICATION BY SEQUENTIAL PATTERN RECOGNITION AND ACCESS
    CODE ACQUISITION
VERIFICATION DE L'AUTORISATION D'UN UTILISATEUR PAR RECONNAISSANCE DE
    SEQUENCE ET ACQUISITION DU CODE D'ACCES
    Priority Application: US 2000512419 20000224

  21/TI,PR/18   (Item 12 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

PHYSICAL PRESENCE DIGITAL AUTHENTICATION SYSTEM (TRANSACTIONS AND
    AUTHENTICATION)
SYSTEME D'AUTHENTIFICATION NUMERIQUE DE PRESENCE PHYSIQUE (TRANSACTIONS ET
    AUTHENTIFICATION)
    Priority Application: US 2000180530 20000207; US 2000570399 20000512

  21/TI,PR/19   (Item 13 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

METHOD FOR AN APPLICATION SERVER PROVIDER FRAMEWORK
PROCEDE POUR UN CADRE DE FOURNISSEUR DE SERVICES APPLICATIFS
    Priority Application: US 2000483062 20000114; US 2000483486 20000114; US
        2000483593 20000114

  21/TI,PR/20   (Item 14 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

PRIVACY COMPLIANT MULTIPLE DATASET CORRELATION SYSTEM
SYSTEME DE CORRELATION DE PLUSIEURS ENSEMBLES DE DONNEES RESPECTANT LA
    CONFIDENTIALITE
    Priority Application: US 2000176177 20000113

  21/TI,PR/21   (Item 15 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

A SYSTEM AND METHOD FOR STREAM-BASED COMMUNICATION IN A COMMUNICATION
    SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION FOURNISSANT UN SYSTEME DE
    COMMUNICATION EN CONTINU DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE
    SERVICES DE COMMUNICATION
    Priority Application: US 99386717 19990831

  21/TI,PR/22   (Item 16 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

                            EKD   March 13, 2003

A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION
   SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT
   A CONFIGURATIONS DE SERVICES DE COMMUNICATION
   Priority Application: US 99386430 19990831

  21/TI,PR/23   (Item 17 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A SELF-DESCRIBING STREAM IN
   A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A UN FLUX
   D'AUTODESCRIPTEURS DANS UN ENVIRONNEMENT DE MODELES DE SERVICES DE
   COMMUNICATION
   Priority Application: US 99387070 19990831

  21/TI,PR/24   (Item 18 from file: 349)
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A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CONSTANT CLASS COMPONENT
   IN A BUSINESS LOGIC SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UN COMPOSANT DE CLASSE DE CONSTANTE
   DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE LOGIQUE D'AFFAIRES
   Priority Application: US 99387213 19990831

  21/TI,PR/25   (Item 19 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

WORD SEARCHABLE DATABASE FROM HIGH VOLUME SCANNING OF NEWSPAPER DATA
BASE DE DONNEES INTERROGEABLE A PARTIR D'UN VOLUME ELEVE DE DONNEES
   JOURNALISTIQUES SAISIES
   Priority Application: US 99149222 19990817

  21/TI,PR/26   (Item 20 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

SYSTEM AND METHOD FOR PROCESSING KNOWLEDGE ITEMS OF A KNOWLEDGE WAREHOUSE
SYSTEME ET PROCEDE DE TRAITEMENT D'ELEMENTS DE CONNAISSANCE D'UNE BANQUE DE
   CONNAISSANCE
   Priority Application: US 99371145 19990809

  21/TI,PR/27   (Item 21 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR DETERMINING CAPABILITY
   LEVELS OF A RELEASE MANAGEMENT PROCESS AREA FOR PROCESS ASSESSMENT
   PURPOSES IN AN OPERATIONAL MATURITY INVESTIGATION
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR DETERMINER LES NIVEAUX DE
   CAPACITE D'UNE ZONE DU PROCESSUS DE GESTION DE DIFFUSION A DES FINS
   D'EVALUATION DE PROCESSUS DANS UNE ETUDE DE MATURITE OPERATIONNELLE
   Priority Application: US 99361335 19990726

  21/TI,PR/28   (Item 22 from file: 349)
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING OPERATIONALMATURITY
   OF AN ORGANIZATION
SYSTEME, PROCEDE ET ARTICLE FABRIQUE PERMETTANT DE MESURER LA MATURITE
   OPERATIONNELLE D'UNE ORGANISATION D'OPERATIONS

                        EKD   March 13, 2003

Priority Application: US 99361781 19990726

 21/TI,PR/29   (Item 23 from file: 349)

A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING CAPABILITY LEVELS OF
     PROCESSES TO EVALUATE OPERATIONAL MATURITY OF AN ORGANIZATION
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A DETERMINER DES
     NIVEAUX   DE   CAPACITE   D'OPERATIONS   POUR   DES BESOINS D'EVALUATION
     D'OPERATION DANS UNE RECHERCHE DE MATURITE OPERATIONNELLE
   Priority Application: US 99361338 19990726

 21/TI,PR/30   (Item 24 from file: 349)

A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING CAPABILITY LEVEL OF
     PROCESSES TO EVALUATE OPERATIONAL MATURITY IN AN ADMINISTRATION PROCESS
     AREA
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DE VERIFICATION D'UN PROCESSUS A
     MATURITE OPERATIONNELLE PAR DETERMINATION DU NIVEAU D'APTITUDE DANS UN
     DOMAINE DE PROCESSUS TRAITEMENT D'ADMINISTRATION UTILISATEUR
   Priority Application: US 99360928 19990726

 21/TI,PR/31   (Item 25 from file: 349)

METHOD FOR ASSEMBLING AND USING A KNOWLEDGE BASE
PROCEDE D'ASSEMBLAGE ET D'UTILISATION D'UNE BASE DE CONNAISSANCES
   Priority Application: US 99361891 19990727

 21/TI,PR/32   (Item 26 from file: 349)

MULTI-DIMENSIONAL DATABASE AND DATA CUBE COMPRESSION FOR AGGREGATE QUERY
     SUPPORT ON NUMERIC DIMENSIONS
COMPRESSION D'UNE BASE DE DONNEES MULTIDIMENSIONNELLE ET D'UN CUBE DE
     DONNEES   PERMETTANT   DES   INTERROGATIONS GLOBALES RELATIVES A DES
     DIMENSIONS NUMERIQUES
   Priority Application: US 99296831 19990422

 21/TI,PR/33   (Item 27 from file: 349)

FINDING QUERYING PATTERNS IN QUERYING APPLICATIONS
PROCEDE ET SYSTEME PERMETTANT DE TROUVER DES MODELES CACHES DANS DES
     APPLICATIONS D'INTERROGATION
   Priority Application: US 98103948 19981013

00247815
Method, apparatus and system for recognising broadcast segments.
Verfahren, Apparat und System zur Wiedererkennung von Rundfunkausschnitten.
Methode, appareil et systeme pour la reconnaissance d'echantillons d'une radio diffusion.
PATENT ASSIGNEE:
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PATENT (CC, No, Kind, Date): EP 248533 A2 871209 (Basic)
                              EP 248533 A3 890906
                              EP 248533 B1 940831
APPLICATION (CC, No, Date):   EP 87303968 870501;
PRIORITY (CC, No, Date): US 859134 860502
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04H-009/00;
ABSTRACT WORD COUNT: 142

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2181
CLAIMS B	(German)	EPBBF1	2080
CLAIMS B	(French)	EPBBF1	2370
SPEC B	(English)	EPBBF1	10769
Total word count - document A			0
Total word count - document B			17400
Total word count - documents A + B			17400

...ABSTRACT cues or codes in the broadcast signal. Each broadcast frame is
  parametized to yield a **digital** word and a signature is constructed for
  segments to be recognized by selecting, in accordance...

...is parametized in the same way and the library of signatures is compared
  against each **digital** word and words offset therefrom by the stored
  offset amounts. A data reduction technique minimizes...

...SPECIFICATION method and apparatus for real-time continuous pattern
  recognition of broadcast segments by constructing a **digital** signature
  from a known specimen of a segment which is to be recognized. The
  signature is constructed by **digitally** parametizing the segment,
  selecting portions from among random frame locations throughout the
  segment in accordance...

...is identified with a particular segment to be recognized. A broadcast
  signal is monitored and **digitally** parametized. For each frame of the
  parametized monitored signal, the library is searched for any...

...the signature.

In another embodiment of a method and apparatus according to the invention, a **digital** keyword derived from a designated frame in the parametized segment is identified as associated with...

...of the additional frames relative to the designated frame. A broadcast signal is monitored and **digitally** parametized. For each monitored **digital** word of the parametized monitored signal, the library is searched for any signature associated with...Whether audio or video information is used, the broadcast signal is parametized to yield a **digital** data stream composed, preferably, of one 16-bit **digital** word for every 1/30 of a second of signal. (In the case of audio...

...is then processed in the same way whether it originated as audio or video.

A **digital** signature is constructed for each segment to be recognized. The construction of the signature is...

...incoming audio or video signal is digitized and parametized to yield, preferably, a 16-bit **digital** word for each frame of data. This also is discussed in more detail below. As...

...the segment is chosen, using criteria to be discussed below, as the key frame, its **digital** parametized equivalent becoming the keyword. The signature is still, preferably, eight 16-bit words, but...n = 1-16) (not all sixteen shown) are the areas used for determining the parametized **digital** word for the current frame. The luminance areas (liters) (sub(n))(min) (n = 1-16...or noise, can be two competing criteria.)

Hamming distance refers to the dissimilarity of the **digital** data. It is desirable for more positive and reliable identification of broadcast segments that a...segments, plus information relating to all potential new and unknown segments, and receives in return **software** updates, signature library updates, and **requests** for additional information. If a new signature transmitted to and received by one local site...low-pass filter and then through a coder/decoder which performs a logarithmic analog-to-**digital** conversion resulting in a **digital** signal with a compressed amplitude (the audio signal is expanded again prior to being audited by an operator at central site 22). The compressed **digital** signal is then passed through an adaptive differential pulse code modulator (ADPCM) 112 similar to...

...in the received analog video signal to generate clock pulses and addresses for analog-to-**digital** conversion of the video signal. Circuit 115 outputs both address signals and digitized data signals...

...Control computer 81 (FIG. 8) is preferably a commercially available MicroVAX II minicomputer manufactured by **Digital** Equipment Corporation (DEC), running the DEC VMS **virtual** memory operating system. Between one and nine megabytes of RAM memory are provided along with...scale data is returned to video format and smoothed before being passed through the video **digital** -to-analog converter.

An audio control card is also provided in the 3270 AT. ADPCM...

...sor 29.

All communications within central site 22 and local sites 21 are coordinated by **Digital** Equip- ment Corporation (DEC) equipment. Therefore, communications throughout the system are based on DEC's...by high-speed link 24 as earlier discussed.

Communications control computer 29 is preferably a **Digital** Equipment Corporation VAX 8200. Coprocessor control computer 121 is the identical computer and in fact...

...CLAIMS 1. A method for continuous pattern recognition of broadcast segments, said method comprising:

constructing a **digital** signature from a known sample of a segment to be recognized by **digitally** parametizing said segment, selecting portions (1(sub 1) to 1(sub 1)(sub 6)) from...

EKD   March 13, 2003

...said library being identified with a particular segment to be
recognized;
    monitoring a broadcast signal;
    digitally parametizing said monitored signal on a
frame-by-frame basis;
    for each frame (10) of...

...parametized monitored signal.
2. The method of claim 1, wherein:
    the step of constructing a **digital** signature from a known
sample of a segment to be recognized comprises **digitally**
parametizing said segment by forming a string of **digital** words each
representing one frame of said segment, identifying a word
representing a designated frame...
...representing the offsets of said frame locations relative to said
designated frame;
    the step of **digitally** parametizing said monitored signal
comprises forming a plurality of monitored **digital** words each
representing a frame of said monitored signal; and
    for each frame of said...

...of searching said library comprises searching said library for any
signature for which the monitored **digital** word representing said
frame also represents said designated frame, and comparing the
additional words of...

...with the words of said parametized monitored signal at said offsets
relative to said monitored **digital** word.
3. The method of either of claims 1 or 2, wherein said signature and...

...claim 12 wherein said signature and said parametized monitored signal
each comprise a plurality of **digital** words, each **digital** word of
said signature and said parametized monitored signal being derived by
comparing selected frequency...

...at least one reference band, each of said selected bands providing a bit
of said **digital** word.
14. The method of any preceeding claim, further comprising reducing the
amount of data...

...searched.
15. The method of claim 14 wherein said data reduction step comprises
associating a **digital** word representing a designated frame of said
segment with the signature of said segment, said association being
nonexclussive, the step of **digitally** parametizing said monitored
signal comprises forming a plurality of **digital** words each
representing a frame of said monitored signal, and said searching
step comprises, for each **digital** word in said parametized monitored
signal, searching said library for any stored signature for which
said **digital** word in said parametized nonitored signal corresponds
with said **digital** word representing said designated frame.
16. The method of any preceding claim wherein each of...

...Apparatus for continuous pattern recognition of broadcast segments, said
apparatus comprising:
    means for constructing a **digital** signature from a known sample
of segment to be recognized by **digitally** parametizing said segment,
selecting portions (1(sub 1) to 1(sub 1)(sub 6)) from...
...with a particular segment to be recognized;
    means for monitoring a broadcast signal;
    means for **digitally** parametizing said monitored signal on a
frame-by-frame basis; and
    means for searching said...

...monitored signal.

20. The apparatus of claim 19 wherein:
    said constructing means is operative to **digitally** parametize said segment by forming a string of **digital** words, each of said words representing one frame (10) of said segment, said constructing means...

...frame locations;
    said storing means being operative to store in said library of signatures the **digital** words representing said designated frame (10) and said additional frames (10) along with offsets of said additional frames relative to said designated frame;
    said means for **digitally** parametizing said monitored signal is operative to form a string of monitored **digital** words each representing a frame (10) thereof; and
    said searching means is operative to search said library for a signature for which a monitored **digital** word represents said designated frame (10) and to compare the additional words of any such ...

...with the words of said parametized monitored signal at said offsets relative to said monitored **digital** word.
21. The apparatus of either of claims 19 or or 20 wherein said constructing...

...and
    means for classifying and identifying said potential unknown segments.
27. A system for continuous **pattern recognition** of broadcast segments, **incorporating** apparatus as claimed in claim 26 and comprising:
    a communications network (23a, 23b, 29) linking...

...said regions;
    each of said local sites (21) has at least said storing means, said **digitally** parametizing means, said searching means, and said detecting means, said storing means containing a local audio and video information, a temporary **digital** signature, and parametized monitored signal information for a potential unknown segment not found in the...

...local library and for transmitting at least said parametized monitored signal information and said temporary **digital** signature for a potential unknown segment via said communications network to said central site (22...

...system of claim 27 wherein said grouping means comprises:
    means (25) for comparing the temporary **digital** signatures of other potential unknown segments to a parametized potential unknown segment;
    for all potential unknown segments matching a given temporary **digital** signature, means for temporally aligning the parametized monitored signal information of said segments; and
    means...

...of claim 29 further comprising means at said local site (21) for storing the temporary **digital** signature of a potential unknown segment and for logging the occurrences of said potential unknown...
...CLAIMS B1
1. Verfahren zur kontinuierlichen Mustererkennung von Sendesegmenten, wobei das Verfahren aufweist:
    Aufbau einer **digitalen** Signatur aus einer bekannten Probe eines zu erkennenden Segmentes durch **digitales** Parametrisieren des Segmentes, Auswahlen von Teilen (1(sub 1) bis 1(sub 1)(sub 6...

...Signatur in der Bibliothek mit einem speziellen zu erkennenden Segment identifiziert ist,

Uberwachen eines Sendesignales,
digitales Parametrisieren des uberwachten Signals auf
bildweiser Basis,
fur jedes Bild (10) des parametrisierten, uberwachten Signals...

...des parametrisierten, uberwachten Signals.
2. Verfahren nach Anspruch 1, wobei:
der Schritt des Aufbaus einer **digitalen** Signatur aus einer
bekannten Probe eines zu erkennenden Segments das **digitale**
Parametrisieren des Segmentes durch Bildung einer Folge von
digitalen Worten umfast, von denen jedes einem Bild des Segments
entspricht, die Identifizierung eines Wortes, das...
...die die Offsets der Bildpositionen relativ zu dem bezeichneten Bild
angibt,
wobei der Schritt des **digitalen** Parametrisierens des
uberwachten Signals das Ausbilden einer Vielzahl von uberwachten
Digitalwortern umfast von denen jedes...

...Segments mit der Signatur des Segments angibt, wobei die Zuordnung
nichtexklusiv ist, der Schritt des **digitalen** Parametrisierens des
uberwachten Signals die Ausbildung einer Anzahl von Digitalwortern
umfast, die jeweils ein Bild...Einrichtung zur kontinuierlichen
Mustererkennung von Sendersegmenten, wobei die Einrichtung aufweist:
eine Einrichtung zum Aufbau einer **digitalen** Signatur aus einer
bekannten Probe des zu erkennenden Segmentes durch **digitales**
Parametrisieren des Segmentes, Auswahl von Teilen (1(sub 1) bis 1(sub
1)(sub 6...

...speziellen zu erkennenden Segment identifiziert ist,
einer Einrichtung zur Uberwachung eines Sendesignals,
einer Einrichtung zum **digitalen** Parametrisieren des
uberwachten Signals auf bildweiser Basis
und einer Einrichtung zum Durchsuchen der Bibliothek nach...
...10) des parametrisierten uberwachten Signals (20).
20. Einrichtung nach Anspruch 19, wobei:
die Aufbaueinrichtung zum **digitalen** Parametrisieren des
Segmentes durch Ausbildung einer Folge von Digitalwortern arbeitet,
wobei jedes der Digitalworter ein...

...reprasentieren, zusammen mit Offsets der zusatzlichen Bilder relativ zum
bezeichneten Bild,
wobei die Einrichtung zum **digitalen** Parametrisieren des
uberwachten Signal arbeitet, um eine Folge von uberwachten
Digitalwortern zu bilden, von denen...

...Regionen verbindet,
wobei jeder der lokalen Orte (21) zumindest die
Speichereinrichtung aufweist, die Einrichtung zum **digitalen**
Parametrisiern, die Sucheinrichtung und die Erfassungseinrichtung,
wobei die Speichereinrichtung eine Lokalbibliothek von
Segmentsignaturen aufweist, die...

...an jedem der lokalen Orte (21), zur Erzeugung von komprimierten Audio-
und Videoinformationen, einer temporare **Digitalsignatur** und
parametrisierter uberwachter Signalinformationen fur ein potentiell
unbekanntes Segment, das nicht in der entsprechenen Lokalbibliothek
aufgefunden wurde, und zur Ubermittlung zumindest der parametrierten,
uberwachten Signalinformation und der temporaren **Digitalsignatur**
fur ein potentiell unbekanntes Segment uber das
Kommunikationsnetzwerk an den Zentralort (22),
eine Einrichtung (22...System nach Anspruch 27, wobei die
Gruppierungseinrichtung aufweist:
eine Einrichtung (25) zum Vergleich der temporaren
Digitalsignaturen von anderen potentiell unbekannten Segmenten mit
einem parametrisierten, potentiell unbekannten Segment,
eine Einrichtung fur alle potentiell unbekannte Segmente, die

einer gegebenen temporaren **Digitalsignatur** entsprechen zum
temporaren Ausrichten der parametrisierten, uberwachten
Signalinformtion des Segmentes, und
    eine Einrichtung zum Aufbau...

...nach Anspruch 29, mit ferner einer Einrichtung an dem Lokalort (21) zum
    Speichern der temporaren **Digitalsignatur** eines potentiell
    unbekannten Segmentes und zum Speichern des Auftretens des potentiell
    unbekannten Segmentes aufgrund der...

 21/3,K/33   (Item 27 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00559120   **Image available**
FINDING QUERYING PATTERNS IN QUERYING APPLICATIONS
PROCEDE ET SYSTEME PERMETTANT DE TROUVER DES MODELES CACHES DANS DES
    APPLICATIONS D'INTERROGATION
Patent Applicant/Assignee:
  VIRTUAL GOLD INC
Inventor(s):
  BHANDARI Inderpal S,
  PRATAP Rajiv,
  RAMANUJAM Krishnakumar,
Patent and Priority Information (Country, Number, Date):
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  Application: WO 99US24029 19991012 (PCT/WO US9924029)
  Priority Application: US 98103948 19981013
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
  UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
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  CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 34710

Patent Applicant/Assignee:
  VIRTUAL GOLD INC...
Fulltext Availability:
  Detailed Description

Detailed Description
...   filed October 13@ 1998.

  FIELD OF THE INVENTION
  5 The present invention relates to a **query** -based **software** system or
  an on-line analytical processing system, particularly to a software
  application that provides a front-end for a user to interact with the
  query
  based **software** system, e.g., a Structured **Query** Language (SQL)
  interface, a World Wide **Web** -enabled interface to databases. More
  10 particularly, the present invention relates to a computer
  implementation...

...for the
security log application.

The programmer can also use the tools to create a **GUI** that allows
a user to **ask** questions about the security log data by selecting
suitable
values for the attributes and computations...therefore not surprising
that computer software theorists and
developers have lately begun to experiment with **integrating** querying
applications and **data** **mining** programs. To the best of our knowledge,

20 such integration has followed three approaches.

The...OF THE INVENTION
Therefore, it is an object of the present invention to provide a **data mining** technique that can be **incorporated** easily into the traditional querying applications represented by Fig. 1.

5 It is another object...5 strings together and, hence, to appreciate the relevance of the minimallyvalued string to his **query** .

CoInputations and **User Interface** for different gpplications
In another embodiment, the querying application of the present
20 invention can...of-player- 1 " having values such as behindbaseline, between-baseline-and-serveline, or at-the- **net** ;
"vertical-locationof-player-2" having values such as behind-baseline, between-baseline20 and-serveline, or at-the- **net** ;
"vertical-motion-player- I" having values
such as forward, backward, or no-motion ; "vertical-motion...income" indicating the relative performance of the issuing company 1 5 in terms of its **net** income, and having values such as excellent, good, etc.; 64 market-capitalization" indicating the relative...X, product Y, service X, etc.; "how-product-or-serviceadvertised" having values such as TV, **Internet** , newspaper, etc.; "switch1 5 that-call-went-through" having values such as switch 12, switch...016657,
call-about-which-product-or-service
25 product X, how-product-or-service-advertised = **Internet** , customer-age
>55).

Customer Relationship Management A
pplicatio
Customer relationship management is very critical to...

...Product Y, Service
X, etc. ; "how-product-or-service-advertised" having values such as TV, **Internet** , newspaper, etc. ; "customer-satisfaction-at-time-of-sale" having values such as satisfied, very satisfied...be incorporated into a multi-user
environment, such as a communication network of computers, an **intranet** , or the **Internet** (world-wide- **web**).
Turning now to Fig. 19, there is illustrated a multi-user environment incorporating the querying...

...the
alert data 203 to each output module 1903 over the communications network 1901.

Alternatively, **web** browsers can serve as the input and output modules, and the alert generator 201 and the computation module 102 can reside on a server (i.e., an **Internet** server). The communications network
5 1901 connecting the **web** browsers to the server can be the **Internet** , a
company **intranet** , a local-area network, a wide-area network and the like.

Generating Alerts for a...this case, any querying mechanism (such as a Graphical User Interface, HTML fonns on a **web** browser, etc.) specific to
the database system or application could be used to pass inputs...

...There are various commercial products currently available that provide users with the means to run **Online** Analytical Processing queries
on data, as well as a means of unearthing interesting patterns from...

EKD   March 13, 2003

Set	Items	Description
S1	29963	DATA()(MINING OR SNOOPING OR DREDGING) OR KNOWLEDGE()(DISC-OVERY OR MANAGEMENT OR REUSE) OR KDD OR REPORTING SOFTWARE OR (TORTURING(1W)DATA(1W)UNTIL(1W)CONFESSES)
S2	151962	OLAM OR (ON(1W)LINE OR ONLINE)()ANALYTICAL()MINING OR AUTO-MATED(2W)DISCOVERY OR (BUSINESS OR DATA OR E) ()ANALYTICS OR -PATTERN()(FIND? OR LOCATE? OR PINPOINT? OR DETECT? OR DISCOVE-R? OR FOUND OR IDENTIF? OR RECOGNI?)
S3	6324217	INTEGRAT? OR WITHIN OR INSIDE OR CONTAINED OR CONTAINING OR CONTAINS OR COMPOSED OR MAKEUP OR BLEND? OR EMBEDD? OR INCOR-PORAT?
S4	878127	QUESTION? ? OR QUERY OR QUERIES OR ASK? OR REQUEST? OR INQ-UIR? OR INTERROGAT?
S5	1377815	USER()INTERFACE? OR SOFTWARE? OR ROUTINE? ? OR COMPONENTWA-RE? OR LINKER? OR GUI OR (GRAPHIC? OR TEXT)(2N)(DISPLAY OR MA-NIFEST? OR DEPICT? OR SHOW? ?)
S6	3192400	INTERNET OR WWW OR WEB OR LAN OR WAN OR ELECTRONIC OR NET - OR INTRANET OR ETHERNET OR EXTRANET OR ONLINE OR CYBER OR VIR-TUAL? OR DIGITAL?
S7	6	(S1 OR S2)(S)(S4(5N)S5) AND S3 AND S6
S8	1	((S1 OR S2)(5N)S3) AND (S4(5N)S5) AND S6 NOT S7
S9	84	(S1 OR S2)(S)(S3 AND S4 AND S5 AND S6) NOT (S7 OR S8)
S10	23	S9 NOT PY>1998
S11	23	S10 NOT PD>19981013
S12	19	RD (unique items)

EKD   March 13, 2003

6034233   INSPEC   Abstract   Number: A9821-9365-009,   B9811-7730-028,
C9811-7840-023
   Title: GeoBrowse: an integrated **environment for satellite image retrieval and mining**
   Author(s): Marchisio, G.B.; Wen-Hao Li; Sannella, M.; Goldschneider, J.R.
   Author Affiliation: Data Anal. Products Div., MathSoft Inc., Seattle, WA, USA
   Conference Title: IGARSS '98. Sensing and Managing the Environment. 1998 IEEE International Geoscience and Remote Sensing. Symposium Proceedings. (Cat. No.98CH36174)   Part vol.2   p.669-73 vol.2
   Editor(s): Stein, T.I.
   Publisher: IEEE, New York, NY, USA
   Publication Date: 1998 Country of Publication: USA   5 vol. cxxxii+2754 pp.
   ISBN: 0 7803 4403 0   Material Identity Number: XX98-01989
   U.S. Copyright Clearance Center Code: 0 7803 4403 0/98/$10.00
   Conference Title: IGARSS '98. Sensing and Managing the Environment. 1998 IEEE International Geoscience and Remote Sensing. Symposium Proceedings
   Conference Sponsor: IEEE; IEEE Geosci. & Remote Sensing Soc.; Univ Washington; NASA; NOAA; Office of Naval Res.; Nat. Space Dev. Agency Japan; URSI
   Conference Date: 6-10 July 1998   Conference Location: Seattle, WA, USA
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)
   Abstract: The authors have developed GeoBrowse, an **integrated** prototype for management, retrieval, processing and mining of remotely sensed images. GeoBrowse is based on the abstract services and distributed objects paradigm. Communication between its various components can be established across platforms and the **Internet**. GeoBrowse consists of a graphical user interface (GUI), an object-relational database management system (ORDBMS), and a scientific problem solving environment (S-PLUS). Each of these can reside on a separate platform. For example, the GUI can be deployed on a laptop in the field and access the services of the database and data analysis engines through a wireless **Internet** link. Key innovations are the support for intelligent or "content based" queries on large databases of remotely sensed images and incremental and random access to 3D volumes of multispectral data from different sensors without the added overhead of multiple storage. GeoBrowse provides the user with the ability to determine and test the limitations of remote sensing parameters and models by providing alternative views of uncertainties arising from extrinsic factors. The scientific **data mining** environment is provided by S-PLUS, a fourth-generation language which offers more than 2000 analysis and **graphics display** functions. The intuitive **query** and analysis **GUI** has been written entirely in Java, with the newly released Abstract Window Toolkit (AWT) for platform independence and **Internet** compatibility. The GUI offers database browsing capabilities which complement the functionality of the information retrieval engine through visual indices and a movie player unit. A revolutionary feature of the interface allows linking of the image display on the client side to the statistical displays on the server side. (4 Refs)
   Subfile: A B C
   Descriptors: geographic information systems; geophysical techniques; geophysics computing; object-oriented databases; PACS; relational databases ; remote sensing
   Identifiers: geophysics computing; land surface; terrain mapping; remote sensing image; GIS; geographic information system; PACS; picture archive; GeoBrowse; **integrated** environment; satellite image retrieval; data mining ; remotely sensed image; graphical user interface; GUI; object-relational database management system; DBMS; ORDBMS; S-PLUS; content based query; browsing
   Class Codes: A9365 (Data and information; acquisition, processing, storage and dissemination in geophysics); A9385 (Instrumentation and

techniques for geophysical, hydrospheric and lower atmosphere research);
A9190 (Other topics in solid Earth physics); B7730 (Other remote sensing
applications in Earth sciences); B7710 (Geophysical techniques and
equipment); B6140C (Optical information, image and video signal processing)
; C7840 (Geography and cartography computing); C7340 (Geophysics
computing); C6160D (Relational databases); C6160J (Object-oriented
databases); C6160S (Spatial and pictorial databases)

7/5/2   (Item 1 from file: 233)

00643099   01AD09-004
   Collaborating in an e-world -- The Web **is helping corporations in
their constant search for the Holy Grail of knowledge management; can a new
generation of tools...**
   Gates, Lana
   Application Development Trends , September 1, 2001 , v8 n9 p26-28, 3
Page(s)
   ISSN: 1073-9564
   Languages: English
   Document Type: Articles, News & Columns
   Geographic Location: United States
   Discusses how companies are using the **Internet** to enhance **knowledge
management** (KM) with a new generation of tools to overcome the various
challenges that come with KM. Adds that one difficulty is that employees
cannot be mandated to sit down at a computer and type in everything they
know. Says that in order to ease that challenge, Orbital **Software** has
taken a **question** /answer approach to KM with its Organik **software** , which
routes **questions** and e-mails to the people who can actually answer them.
Indicates that Organik then provides a place in an **intranet** for access to
the answers of all previously asked questions. Mentions that St. Paul
Companies has a KM system that **integrates** a number of tool sets for
collaboration across the **Web** . Includes a photo and a chart. (EPE)
   Descriptors: Knowledge Management; **Web** Tools; **Online** Systems;
 Collaboration; Intranets; Information Management; **Online** Information

7/5/3   (Item 1 from file: 8)

06315285   E.I. No: EIP03107388125
   Title: On using a warehouse to analyze web **logs**
   Author: Joshi, Karuna P.; Joshi, Anupam; Yesha, Yelena
   Corporate Source: Dept. of Comp. Sci./Elec. Eng. University of Maryland,
Baltimore Co., Baltimore, MD 21250, United States
   Source: Distributed and Parallel Databases v 13 n 2 March 2003. p 161-180
   Publication Year: 2003
   CODEN: DAATES   ISSN: 0926-8782
   Language: English
   Document Type: JA; (Journal Article)   Treatment: T; (Theoretical); X;
(Experimental)
   Journal Announcement: 0303W2
   Abstract: Analyzing **Web** Logs for usage and access trends can not only
provide important information to **web** site developers and administrators,
but also help in creating adaptive **web** sites. While there are many
existing tools that generate fixed reports from **web** logs, they typically
do not allow ad-hoc analysis queries. Moreover, such tools cannot discover
hidden patterns of access **embedded** in the access logs. We describe a
relational OLAP (ROLAP) approach for creating a **web** -log warehouse. This
is populated both from **web** logs, as well as the results of mining **web**
logs. We discuss the design criteria that influenced our choice of
dimensions, facts and data granularity. A **web** based ad-hoc tool for

analytic queries on the warehouse was developed. We present some of the performance specific experiments that we performed on our warehouse. 20 Refs.

Descriptors: Data warehouses; Websites; **Software** engineering; **Data mining** ; **Query** languages
Identifiers: Data granularity
Classification Codes:
723.1.1 (Computer Programming Languages)
723.3 (Database Systems); 723.1 (Computer Programming); 723.2 (Data Processing)
723 (Computer Software, Data Handling & Applications)
72 (COMPUTERS & DATA PROCESSING)

7/5/4 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS

2129514 NTIS Accession Number: DE99002233/XAB
Data mining
Lee, K. ; Kargupta, H. ; Stafford, B. G. ; Buescher, K. L. ; Ravindran, B.
Los Alamos National Lab., NM.
Corp. Source Codes: 888888888
Sponsor: Department of Energy, Washington, DC.
Report No.: LA-UR-98-3261
31 Dec 1998 10p
Languages: English
Journal Announcement: GRAI9919; ERA9920
Sponsored by Department of Energy, Washington, DC.
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NTIS Prices: PC A02/MF A01
Country of Publication: United States
Contract No.: W-7405-ENG-36
This is the final report of a one-year, Laboratory Directed Research and Development (LDRD) project at the Los Alamos National Laboratory (LANL). The objective of this project was to develop and implement **data mining** technology suited to the analysis of large collections of unstructured data. This has taken the form of a software tool, PADMA (Parallel **Data Mining** Agents), which **incorporates** parallel data accessing, parallel scalable hierarchical clustering algorithms, and a **web** -based **user interface** for submitting Structured **Query** Language (SQL) queries and interactive data visualization. The authors have demonstrated the viability and scalability of PADMA by applying it to an unstructured text database of 25,000 documents running on an IBM SP2 at Argonne National Laboratory. The utility of PADMA for discovering patterns in data has also been demonstrated by applying it to laboratory test data for Hepatitis C patients and autopsy reports in collaboration with the University of New Mexico School of Medicine.
Descriptors: *Data Analysis; *P Codes; *Interactive Display Devices; Parallel Processing; Algorithms; Uses; Medicine
Identifiers: EDB/990200; EDB/550600; NTISDE
Section Headings: 62GE (Computers, Control, and Information Theory--General)

7/5/5 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

11397694 Genuine Article#: 647EP Number of References: 7
Title: MtDB: a database for personalized data mining of the model legume
    Medicago truncatula transcriptome

EKD   March 13, 2003

Author(s): Lamblin AFJ; Crow JA; Johnson JE; Silverstein KAT; Kunau TM;
    Kilian A; Benz D; Stromvik M; Endre G; VandenBosch KA; Cook DR; Young
    ND; Retzel EF   (REPRINT)
Corporate Source: Univ Minnesota,Ctr Computat Genom & Bioinformat,MMC43,420
    Delaware St SE/Minneapolis//MN/55455 (REPRINT); Univ Minnesota,Ctr
    Computat Genom & Bioinformat,Minneapolis//MN/55455; Univ Minnesota,Dept
    Plant Biol, Biosci Ctr 220,Minneapolis//MN/55408; Univ Calif Davis,Dept
    Plant Pathol,Davis//CA/95616
Abstract: In order to identify the genes and gene functions that underlie
    key aspects of legume biology, researchers have selected the cool
    season legume Medicago truncatula (Mt) as a model system for legume
    research. A set of >170000 Mt ESTs has been assembled based on in-depth
    sampling from various developmental stages and pathogen-challenged
    tissues. MtDB is a relational database that **integrates** Mt
    transcriptome data and provides a wide range of user-defined **data
    mining** options. The database is interrogated through a series of
    interfaces with 58 options grouped into two filters. In addition, the
    user can select and compare unigene sets generated by different
    assemblers: Phrap, Cap3 and Cap4. Sequence identifiers from all public
    Mt sites (e. g. IDs from GenBank, CCGB, TIGR, NCGR, INRA) are fully
    cross-referenced to facilitate comparisons between different sites, and
    hypertext links to the appropriate database records are provided for
    all queries results. MtDB's goal is to provide researchers with the
    means to quickly and independently identify sequences that match
    specific research interests based on user-defined criteria. The
    underlying database and **query software** have been designed for ease
    of updates and portability to other model organisms. Public access to
    the database is at http:// **www** .medicago.org/MtDB.
Cited References:
    ALTSCHUL SF, 1990, V215, P403, J MOL BIOL
    COOK DR, 1999, V2, P301, CURR OPIN PLANT BIOL
    EWING B, 1998, V8, P175, GENOME RES
    EWING B, 1998, V8, P186, GENOME RES
    HUANG XQ, 1999, V9, P868, GENOME RES
    HUANG X, 2002, CAP4 PARACELS DNA SE
    SILVERSTEIN KAT, 2001, V29, P49, NUCLEIC ACIDS RES

 7/5/6   **(Item 2 from file: 34)**

11110371   Genuine Article#: 609EB   Number of References: 9
**Title: OpenRIMS: an open architecture radiology informaties management
    system**
Author(s): Langer S   (REPRINT)
Corporate Source: Mayo Clin & Mayo Fdn,Dept Radiol,200 1st St
    SW/Rochester//MN/55905 (REPRINT); Univ Washington,Med Ctr, Dept
    Radiol,Seattle//WA/98195
Abstract: The benefits of an **integrated** picture archiving and
    communication system/radiology information system (PACS/RIS) archive
    built with open source tools and methods are 2-fold. Open source
    permits an inexpensive development model where interfaces can be
    updated as needed, and the code is peer reviewed by many eyes

(analogous to the scientific model). **Integration** of PACS/RIS
functionality reduces the risk of inconsistent data by reducing
interfaces among databases that contain largely redundant information.
Also, wide adoption would promote standard **data   mining**
tools-reducing user needs to learn multiple methods to perform the same
task. A model has been constructed capable of accepting HL7 orders,
performing examination and resource scheduling, providing **digital**
imaging and communications in medicine (DICOM) worklist information to
modalities, archiving studies, and supporting DICOM **query** /retrieve
from third party viewing **software** . The multitiered architecture uses
a single database communicating via an ODBC bridge to a Linux server
with HL7, DICOM, and HTTP connections. Human interaction is supported
via a **web** browser, whereas automated informatics services communicate
over the HL7 and DICOM links. The system is still under development,
but the primary database schema is complete as well as key pieces of
the **web** user interface. Additional work is needed on the DICOM/HL7
interface broker and completion of the base DICOM service classes.

Descriptors--Author Keywords: radiology information system ; picture
archiving and communication system ; **web ;** health leve7 ; **digital**
imaging and communications in medicine ; open source

Identifiers--KeyWord Plus(R): DICOM

Cited References:
LINUX MED NEWS
BIDGOOD WD, 1997, V4, P199, J AM MED INFORM ASSN
CREIGHTON C, 1999, V12, P138, J DIGIT IMAGING
HAMMOND WE, 1991, V11, P59, TOP HLTH REC MANAGE
HORII SC, NONTECHNICAL INTRO D
HORII SC, 1997, V17, P1297, RADIOGRAPHICS
LANGER S, 1997, V10, P65, J DIGIT IMAGING
PARISOT C, 2001, MANAGEMENT PRESENTAT
STALLMAN R, 1984, GUNS NOT UNIX

06065386   E.I. No: EIP02236970216
Title: An approach to querying multiple object databases
Author: Koh, Jia-Ling; Chen, Arbee L.P.
Corporate Source: Department of Computer Education National Taiwan Normal University, Taipei 106, Taiwan
Source: Journal of Information Science and Engineering v 18 n 2 March 2002. p 281-310
Publication Year: 2002
CODEN: JINEEY   ISSN: 1016-2364
Language: English
Document Type: JA; (Journal Article)   Treatment: T; (Theoretical)
Journal Announcement: 0206W2

Abstract: In a multidatabase system which consists of object databases, a global schema created by integrating schemas of the component databases provides a uniform interface and high level location transparency to help users retrieve data. The mapping between the global and component object schemas is complicated due to schema restructuring conducted to resolve various conflicts among component schemas before conducting schema integration. This mapping information is important for global query processing. In this paper, a mapping strategy is presented. A mapping equation is defined to denote the mappings for attributes and object instances between a   **virtual** class and its constituent classes. In addition, a mapping graph is used to describe the mapping equation. Based on the mapping information, a mechanism for processing global queries in parallel is introduced. One processing unit is responsible for decomposing the global query into subqueries against the component databases. To handle the effects of schema restructuring, preprocessing and postprocessing units are also provided for each local DBMS. The results returned from component databases need to be integrated. The concept of object isomerism, where a real-world entity is represented by more than one object in different component databases, is considered for integrating query results. 30 Refs.

Descriptors: **Query** languages; Object oriented programming; **User interfaces** ; Information retrieval; Computer networks; **Data   mining** ; Conformal mapping; **Integration** ; Optimization; Graph theory
Identifiers: Multiple object database systems; Object isomerism; Global query processing
Classification Codes:
723.1.1 (Computer Programming Languages)
723.1 (Computer Programming); 723.3   (Database Systems); 722.2 (Computer Peripheral Equipment); 903.3   (Information Retrieval & Use); 723.2   (Data Processing); 921.2 (Calculus); 921.5   (Optimization Techniques); 921.4 (Combinatorial Mathematics, Includes Graph Theory, Set Theory)
723   (Computer Software, Data Handling & Applications); 722   (Computer Hardware); 903   (Information Science); 716   (Electronic Equipment, Radar, Radio & Television); 921   (Applied Mathematics)
72 (COMPUTERS & DATA PROCESSING); 90 (ENGINEERING, GENERAL); 71 (ELECTRONICS & COMMUNICATION ENGINEERING); 92   (ENGINEERING MATHEMATICS)

01665068 ORDER NO: AADMQ-30577
 KNOWLEDGE   DISCOVERY **IN** INTERNET **DATABASES**
  Author: YU, XIAOBO
  Degree: M.SC.
  Year: 1998
  Corporate Source/Institution: THE UNIVERSITY OF REGINA (CANADA) (0148)
  Adviser: H. HAMILTON
  Source: VOLUME 37/01 of MASTERS ABSTRACTS.
           PAGE 9.   106 PAGES
  Descriptors: INFORMATION SCIENCE
  Descriptor Codes: 0723
  ISBN: 0-612-30577-5

     A major objective in **knowledge   discovery** in **Internet** database
research is to support exploration and analysis of large amounts of data
from several databases, each available via the **Internet** . This thesis
describes an approach to achieving this objective based on a multidatabase.
The multidatabase system provides a single front-end for several
autonomous, heterogeneous database management systems.
     A prototype software system, called KDID, has been developed to
perform discovery tasks on Internet databases. A discovery task is
decomposed into parameter for the task and a global database query. The
global query is translated and decomposed into a set of local database
queries, which are sent to Internet databases by database agents. KDID
standardizes and accumulates the results of the local queries in a single
database called the multidatabase. **Knowledge   discovery** is then
performed on the retrieved data by a discovery tool, DB-Discover, which
performs high level, dynamic summarization and generalization of large
amounts of data.
     The approach is based on a global schema, which describes some related
data. The correspondence between this global schema and the individual
databases is maintained in a central registry. A registration subsystem is
included in KDID to register Internet databases. The subsystem interacts
with database administrators to obtain database schemas and integrate them
with the global schema.

01538494 ORDER NO: AAD97-12201
FACTORS AFFECTING IMPLEMENTATION OF INTERACTIVE, COMPUTER-MEDIATED
INSTRUCTIONAL TECHNIQUES FOR INSTRUCTORS AND LEARNERS AT A DISTANCE
(DISTANCE EDUCATION)
  Author: BIELEMA, CHERYL L.
  Degree: PH.D.
  Year: 1996
  Corporate Source/Institution: UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
(0090)
  Adviser: JAMES A. LEACH
  Source: VOLUME 57/11-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
           PAGE 4703.   168 PAGES
  Descriptors: EDUCATION, TECHNOLOGY ; EDUCATION, CURRICULUM AND
                INSTRUCTION ; EDUCATION, ADULT AND CONTINUING
  Descriptor Codes: 0710; 0727; 0516

     In the field of education, it is now generally accepted that distance
education differs contextually from face-to-face instruction. The
instruction is delivered by technology that often limits the form,
frequency and immediacy of messages (Garrison, 1989). Interactivity (active
involvement of the learner with content, instructor, and fellow learners)

is one concept touted in the literature to help re-integrate the teaching and learning acts. Computer-mediated communication has the potential to increase interactivity.

The purpose of the study was to enhance understanding of the factors and processes affecting the planning and implementing of computer-mediated instructional (CMI) techniques in the distance learning environment. Specifically, the following research questions guided the study: (a) What personal barriers are encountered when implementing CMI? (b) What institutional barriers are encountered? (c) What technical barriers are encountered? and, (d) What benefits accrue to the participants, as a result of implementation of computer-mediated communications?

Participants were the instructors and 48 adult, extramural graduate students enrolled in two distance courses taught via audiographics. Data were generated from three sources: interviews with selected students, professors, electronic consultants, and Extramural Program Directors. Observations and group interviews were conducted at each of the remote learning sites. Documents, (e.g., e-mail and postings to the newsgroup and mailing list, and a survey of equipment and Internet access), comprised the third source of data.

Efforts related to planning the needed **electronic** infrastructure and the course design, and efforts related to implementation of computer-mediated communication are described in the qualitative study. Human-assisted **data mining** was the process used for manipulating data from the archived **electronic** postings. Recommendations include instructional design for the CMC context, activating self-directed learning, providing feedback, and developing collaborative **electronic** projects. Institutional policy or procedural changes were recommended, including support for adding CMC to future distance courses; instituting a help desk early in the semester; and, providing orientation and **software** guides. Experimentation with various scenarios of connectivity options was suggested. Further research was indicated in student learning preferences and styles, and in delineation of the steps in the process of filtering information via **electronic** media. The paradigm of shared responsibility for learning was supported.

KNOWLEDGE BASE FOR CONSULTATION AND IMAGE INTERPRETATION

An entity-attribute relationship associated with a certainty factor is proposed to represent knowledge. To conduct this knowledge representation, we propose the modified top-down approach to generate the knowledge-based system. In order to improve the user interface problem, we further propose the three operation modes (information retrieval, decision-making, and question answering) to access the system through either the menu selection input or simple natural language input. A working system APRIKS is established for agricultural pest control and some other applications.

We further **integrate** image processing techniques and **pattern recognition** principles with a knowledge-based system to form a pictorial knowledge-based system to conduct falsified document detection and font identification, and **electronic** circuit diagram recognition and interpretation. To describe the interrelationship among the functional elements of a circuit diagram, we propose two pictorial manipulation languages (symbol description language and picture generation language)

EKD   March 13, 2003

using the concept of the associative network. Finally, we propose the conversion rules to link the **electronic** recognition system with the SPICE package to enhance the system's capability. This link demonstrates that the pictorial knowledge-based system can be **integrated** with current CAD machines to make diagnoses and reduce manpower.

12/5/4   (Item 1 from file: 583)

06609073
Key role for business intelligence
 WORLD: BUSINESS INTELLIGENCE IS THE KEY
Financial Times (GN)   01 Apr 1998 p.s.1
Language: ENGLISH

As the information age develops, knowledge could well become a company's most valuable asset, while the 'business intelligence' tools used to acquire it may be essential in creating and maintaining a competitive advantage. Information analysts broadly define business intelligence as the process of making improved business decisions through the ability to access and analyse information as required. The general definition encompasses technologies including **data mining** , data warehousing, decision-support systems, executive information systems, **query** and reporting and multi-dimensional analysis or OLAP (**online** analytical processing) tools. The business intelligence market is growing rapidly although estimates of its size vary considerably. International Business Machines <IBM> <US> claim it will grow to as much as US\$ 70bn by 2000. IBM general manager, Ben Barnes, says that companies are relying on business intelligence as the centre of an **integrated** customer relationship management program to differentiate themselves in a more competitive 'e-business' environment. Data warehouse hardware, **software** and services, another segment of overall business intelligence, will grow to US\$ 23.8bn in 2001 from US\$ 8.1bn in 1996, according to information technology market research company, International Data Corporation. Meanwhile the market for **data mining** tools is forecast to reach US\$ 800mn by 2000, up from about US\$ 300mn in 1997 and just US\$ 50mn in 1994, according to US market analyst, Meta Group. The OLAP report shows that OLAP was worth US\$ 1.4bn in 1997 compared to US\$ 1bn in 1996. Some estimates suggest that businesses only use 7% to 10% of the data they have generated themselves.

COMPANY: INTL DATA CORPORATION; INTL BUSINESS MACHINES

PRODUCT: General Management Services (9919); Management Theory & Techniques (9911); Computers & Auxiliary Equip (3573); Advertising Services NEC (7319); Marketing (9914); Database Vendors (7375);
EVENT: General Management Services (26); Sales & Consumption (65); Planning & Information (22); Marketing Procedures (24);
COUNTRY: General Worldwide (0W);

12/5/5   (Item 1 from file: 2)

6542826   INSPEC Abstract Number: C2000-05-7250N-003
 Title: **Implementing advanced Internet search engines**
  Author(s): Lorenz, G.; Dangi, S.; Jones, D.; Carpenter, P.; Shenoi, S.
  Author Affiliation: Dept. of Comput. Sci., Tulsa Univ., OK, USA
  Conference Title: Database Security XI. Status and Prospects. IFIP TC11 WG11.3 Eleventh International Conference on Database Security   p.389-91
  Editor(s): Lin, T.Y.; Qian, S.
  Publisher: Chapman & Hall, London, UK
  Publication Date: 1998 Country of Publication: UK   vi+391 pp.

ISBN: 0 412 82090 0   Material Identity Number: XX-1997-02702
Conference Title: Proceedings of 11th Annual IFIP WG 11.3 Working Conference on Database Security
Conference Date: 10-13 Aug. 1997   Conference Location: Lake Tahoe, CA, USA
Language: English   Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: Current **Internet** search tools, e.g., Yahoo! and AltaVista, are relatively simple. Their reliance on indexed files **containing** keyword-to-IP-address mappings limits them to handling low-level keyword **queries** . Future **Internet** search tools will be much more sophisticated (Y. Arens et al., 1993; L. Liu and C. Pu, 1997). They will employ metadata repositories to support content based querying and distributed, persistent agents performing a variety of functions, including data gathering, metadata extraction, **data mining** and information fusion. Users could create swarms of persistent search agents that would range the **Internet** in response to sophisticated **queries** , keeping them informed about updates and terminating only on explicit user directives. Clearly, such search engines will pose serious threats to security and privacy. The article shows the architecture of an advanced search engine being developed at the University of Tulsa to evaluate security and privacy threats. The server houses a metadata repository, a base agent and various search agents. The metadata repository maintains schema information about information repositories, including structured, semi structured and unstructured sources. It is continually refreshed by metadata daemons, persistent agents that search for new information sources, old sources that are no longer accessible and those whose schemas have been modified. (6 Refs)

Subfile: C
Descriptors: data privacy; information retrieval; Internet; meta data; object-oriented programming; search engines; software agents
Identifiers: advanced Internet search engines; Internet search tools; metadata repositories; content based querying; distributed persistent agents; data gathering; metadata extraction; data mining; information fusion; persistent search agents; sophisticated queries; explicit user directives; security; search agents; advanced search engine; privacy threat evaluation; schema information; information repositories; unstructured sources; structured sources; metadata daemons; persistent agents; information sources
Class Codes: C7250N (Search engines); C7210N (Information networks); C6150N (Distributed systems software); C6130S (Data security); C6170 (Expert systems and other AI software and techniques); C7250R (Information retrieval techniques); C6110J (Object-oriented programming)

12/5/6   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

6369752   INSPEC Abstract Number: C1999-11-6160B-008
Title: **High performance multidimensional analysis and data mining**
Author(s): Goil, S.; Choudhary, A.
Author Affiliation: Dept. of Electr. & Comput. Eng., Northwestern Univ., Evanston, IL, USA
Conference Title: Proceedings of ACM/IEEE SC98: 10th Anniversary. High Performance Networking and Computing Conference (Cat. No. RS00192)   p.2 pp.
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 1998 Country of Publication: USA   801 pp.
Material Identity Number: XX-1998-03193
Conference Title: Proceedings of Supercomputing '98
Conference Sponsor: IEEE Comput. Soc.; ACM SIGARCH
Conference Date: 7-13 Nov. 1998   Conference Location: Orlando, FL, USA
Language: English   Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: Summary information from data in large databases is used to answer queries in OLAP systems and to build decision support systems over them. A data cube is used to calculate and store summary information on a variety of dimensions. Queries posed on such systems require different views of data. **Data mining** for associations can be performed on the data cube. Analytical models need to capture the multidimensionality of the underlying data, a task for which multidimensional databases are well suited. Also, they are amenable to parallelism, which is necessary to deal with large data sets. Multidimensional databases store data in multidimensional structure on which analytical operations are performed. A challenge for these systems is how to handle large data sets in a large number of dimensions. These techniques are also applicable to scientific and statistical databases (SSDB) which employ large multidimensional databases and dimensional operations over them. In this paper, we present (1) a parallel infrastructure for OLAP multidimensional databases **integrated** with association rule mining; (2) a bit-encoded sparse structure (BESS) for sparse data storage in chunks; (3) scheduling optimizations for parallel computation of complete and partial data cubes; and (4) a large-scale multidimensional database engine suitable for dimensional analysis used in OLAP and SSDB for (a) large numbers of dimensions and (b) large data sets. Our implementation on an IBM SP-2 can handle large data sets and a large number of dimensions by using disk I/O. Results are presented showing its performance and scalability. (0 Refs)
Subfile: C

Descriptors: data analysis; data mining; data structures; decision support systems; IBM computers; parallel databases; scientific information systems; software performance evaluation; statistical databases; very large databases

Identifiers: online analytical processing; high-performance multidimensional analysis; data mining; summary information; OLAP systems; decision support systems; data cube; data views; association rule mining; analytical models; multidimensional databases; parallelism; large data sets ; multidimensional data structure; scientific databases; statistical databases; dimensional operations; parallel infrastructure; bit-encoded sparse structure; sparse data storage; data chunks; optimization scheduling ; dimensional analysis; IBM SP-2; disk I/O; performance; scalability

Class Codes: C6160B (Distributed databases); C6160Z (Other DBMS); C6130 (Data handling techniques); C6120 (File organisation); C6160K (Deductive databases)

12/5/7   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC

6369563   INSPEC Abstract Number: C1999-11-6130B-028
 Title: **Information drill-down using web tools**
   Author(s): Jern, M.
   Conference Title: Visualization in Scientific Computing'97. Proceedings of the Eurographics Workshop   p.9-20
   Editor(s): Lefer, W.; Grave, M.
   Publisher: Springer-Verlag, Wien, Austria
   Publication Date: 1997 Country of Publication: Austria   vi+187 pp.
   ISBN: 3 211 83049 9   Material Identity Number: XX-1997-02641
   Conference Title: Proceedings of Visualization in Scientific Computing '97
   Conference   Date: 28-30   April   1997   Conference   Location: Boulogne-sur-Mer, France
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Applications (A); Practical (P)
   Abstract: The paper reviews the information visualization and interaction techniques   needed to   add   another   dimension   to   surfing   the   **Web** , information drilling and interactive data querying, sometimes also referred to as visual **data   mining** . Information Visualization can be used to explore relationships by drilling down and retrieving more data **within** a

region of interest in the visualized data, combining **data mining** , direct manipulation and data visualization with 3D **Web** tools. It is now possible to create desktop visualization applications that let users interact with databases with larger datasets over the network using both 2D and 3D interaction metaphors. The VRML standard allows users to view and navigate through 3D information data worlds and hyperlink to new worlds. Information drilling based on HTML's Image Map, VRML's anchor node and multiple predefined viewpoints will be explained and demonstrated. The image map in 2D and 3D graphics objects (glyphs etc.) will represent the Visual **User Interface** to the information stored in the database. Also the advantages of using distributed component techniques based on plug-ins, Java Beans and ActiveX providing client-side data manipulation will be reviewed and illustrated. Over the next couple of years, we shall see 3D visualization evolve in giant steps into interactive data drilling on the **Web** providing visualization technology closely **integrated** with the data warehouse and multidimensional abstract and geospatial data models. (15 Refs)

   Subfile: C
   Descriptors: data mining; data visualisation; graphical user interfaces; query processing
   Identifiers: information drill-down; web tools; information visualization ; information interaction; information drilling; interactive data querying; visual data mining; data mining; direct manipulation; VRML standard; HTML's Image Map; visual user interface; Java Beans; ActiveX; data warehouse; geospatial data models
   Class Codes: C6130B (Graphics techniques); C6170K (Knowledge engineering techniques); C6180G (Graphical user interfaces)
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   12/5/8   (Item 4 from file: 2)
   DIALOG(R)File   2:INSPEC
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   6220179   INSPEC Abstract Number: C1999-05-7445-101
   Title: Detour queries in geographical databases for navigation and related algorithm animations
   Author(s): Shibuya, T.; Imai, H.; Nishimura, S.; Shimoura, H.; Tenmoku, K.
   Author Affiliation: Dept. of Inf. Sci., Tokyo Univ., Japan
   Conference Title: Cooperative Databases and Applications. Proceedings of the International Symposium on Cooperative Database Systems for Advanced Applications   p.246-53
   Editor(s): Kambayashi, Y.; Yokota, K.
   Publisher: World Scientific, Singapore
   Publication Date: 1997 Country of Publication: Singapore   xv+574 pp.
   ISBN: 981 02 3161 X   Material Identity Number: XX-1998-03303
   Conference Title: Proceedings of the International Symposium on Cooperative Database Systems for Advanced Applications
   Conference Date: 5-7 Dec. 1996   Conference Location: Kyoto, Japan
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P); Theoretical (T)
   Abstract: In geographical databases for navigation, users raise various types of **queries** concerning route guidance. The most fundamental **query** is a shortest-route **query** , but, as dynamical traffic information newly becomes available and the static geographical database of roads itself has grown up further, more flexible **queries** are required to realize a user-friendly interface meeting the current settings. One important **query** is a detour **query** which provides information about detours, say listing several candidates for useful detours. We have previously proposed efficient algorithms for enumerating meaningful detours. In this paper, we first review our algorithms for the static case, and discuss their extensions to **incorporate** dynamical information in an efficient manner. Also, in connection with the **user interface** part, animation of the proposed algorithm is performed, and its prototype version is made public via **WWW** . In a more general setting, we discuss **data mining** of this

rapidly growing geographical database as an interesting target to derive
useful information from vast geographical data. Applications of this **data
mining** cover a broad class of real-world problems such as urban
planning, environmental assessment, social welfare, facility management,
disaster prevention, etc., from the governmental standpoint and, marketing,
customer management, etc., in the business world. This paper investigates
the road network for navigation in the geographical database from this
point of view, and proposes how to obtain a good collection of candidates
satisfying user requirements by our clever enumeration approach for detours
and how to present them to users by visual interfaces. (14 Refs)
   Subfile: C
   Descriptors: computer animation; computerised navigation; data mining;
driver information systems; geographic information systems; query
processing; user interfaces
   Identifiers: detour queries; geographical databases; navigation;
animations; route guidance; traffic information; user-friendly interface;
static information; dynamical information; WWW; data mining; government;
business; visual interfaces
   Class Codes: C7445 (Traffic engineering computing); C6160S (Spatial and
pictorial databases); C7130 (Public administration); C7840 (Geography and
cartography computing)
   Copyright 1999, IEE

   12/5/9   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
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6104495   INSPEC Abstract Number: C9901-7480-082
   Title: NIIIP-SMART: an investigation of distributed object approaches to
support MES development and deployment in a virtual enterprise
   Author(s): Barry, J.; Aparicio, M.; Durniak, T.; Herman, P.; Karuturi, J.
; Woods, C.; Gilman, C.; Lam, H.; Ramnath, R.
   Conference Title: Proceedings Second International Enterprise Distributed
Object Computing (Cat. No.98EX244)   p.366-77
   Publisher: IEEE, New York, NY, USA
   Publication Date: 1998 Country of Publication: USA   vii+391 pp.
   ISBN: 0 7803 5158 4   Material Identity Number: XX98-03176
   U.S. Copyright Clearance Center Code: 0 7803 5158 4/98/$10.00
   Conference Title: Proceedings Second International Enterprise Distributed
Object Computing. Workshop
   Conference Sponsor: Object Manage. Group; IEEE; EIC; IPS; Distributed
Syst. Technol. Centre; UNISYS; FUJITSU
   Conference Date: 3-5 Nov. 1998   Conference Location: La Jolla, CA, USA
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Theoretical (T)
   Abstract: The National Industrial Information Infrastructure Protocols
(NIIIP) consortium's solutions for MES adaptable replicable technology
(SMART) subgroup is developing an information infrastructure to enable the
 integration and interoperation among manufacturing execution systems
(MES) and enterprise information systems **within** or among enterprises. The
goal of these developments is an adaptable, affordable, reconfigurable,
 integratable manufacturing system. Key innovative aspects of NIIIP SMART
are: Design of a standards-oriented configurable object model that
represents the diverse aspects of MES. Application of distributed object
architecture, work-flow, events, policy rules, intelligent agents, and
 knowledge   management technologies to implement manufacturing and
business procedures and policy. Product data exchange based on standard for
the exchange of product data (STEP) and EXPRESS (ISO 10303), and enterprise
resource planning interaction using open application group interface
specification (OAGIS) business service **requests** (BSR). (28 Refs)
   Subfile: C
   Descriptors: concurrent engineering; distributed object management;
software agents; transport protocols
   Identifiers: NIIIP-SMART; distributed object approaches; MES development;
virtual enterprise; National Industrial Information Infrastructure

Protocols; MES adaptable replicable technology; information infrastructure; manufacturing execution systems; enterprise information systems; standards-oriented configurable object model; distributed object architecture; work-flow; policy rules; intelligent agents; knowledge management technologies; enterprise resource planning interaction; open application group interface specification business service requests
    Class Codes: C7480   (Production engineering computing); C6110J (Object-oriented programming); C6150N (Distributed systems software); C5640 (Protocols); C6170   (Expert systems and other AI software and techniques)
    Copyright 1998, IEE

  12/5/10   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC
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6090825   INSPEC Abstract Number: C9901-7250N-001
  Title: The InfoSleuth agent system
    Author(s): Nodine, M.
    Author Affiliation: MCC, Austin, TX, USA
    Conference   Title: Cooperative Information Agents II. Learning, Mobility and   Electronic   Commerce for Information Discovery on the Internet. Second International Workshop, CIA'98. Proceedings   p.19-20
    Editor(s): Klusch, M.; Weiss, G.
    Publisher: Springer-Verlag, Berlin, Germany
    Publication Date: 1998 Country of Publication: Germany   ix+308 pp.
    ISBN: 3 540 64676 0   Material Identity Number: XX98-01825
    Conference   Title: Cooperative   Information Agents II Learning, Mobility and   Electronic   Commerce for Information Discovery on the Internet. Second International Workshop, CIA'98. Proceedings
    Conference Date: 4-7 July 1998   Conference Location: Paris, France
    Language: English   Document Type: Conference Paper (PA)
    Treatment: Practical (P)
    Abstract: The InfoSleuth architecture consists of a set of collaborating agents   that   work   together   at   the   **request**   of   the   user   to: gather information via complex   **queries**   from a changing set of databases and semi structured   text   repositories   distributed   across   an   **Internet** ; perform rudimentary   polling   and notification facilities for monitoring changes in data;   automatically   route   location-independent   **requests**   to   update individual   data   items;   and   analyze information using statistical **data mining**   techniques   and/or   logical inferencing. Users make **requests** to InfoSleuth   from   a   domain-independent or domain-specific applet. **Requests** are   made against an ontology specifying his domain of interest. The applet forwards the   **request**   to   the   agent system. **Within**   the agent system, agents   cooperate   to   satisfy   the   **request**   on behalf of the user. Each **request**   is processed by the available agents at the time of the   **request** . Results   are   presented   either   **within**   the user's applet or   **within**   a specialized result applet.   (0 Refs)
    Subfile: C
    Descriptors: cooperative systems; information retrieval; Internet; knowledge acquisition; online front-ends; software agents
    Identifiers: InfoSleuth agent system; InfoSleuth architecture; collaborating agents; complex queries; changing set; semi structured text repositories; Internet; rudimentary polling; notification facilities; change monitoring; location-independent requests; data items; statistical data mining techniques; logical inferencing; domain-specific applet; ontology; agent system; agent cooperation; user applet
    Class Codes: C7250N (Search engines); C7210   (Information services and centres); C6170K (Knowledge engineering techniques); C7250R (Information retrieval techniques)
    Copyright 1998, IEE

  12/5/11   (Item 7 from file: 2)
DIALOG(R)File   2:INSPEC
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EKD   March 13, 2003

5891241   INSPEC Abstract Number: C9805-7102-019
  Title: Growth in decision support systems
   Journal: Database and Network Journal   vol.28, no.1   p.3-4
   Publisher: A.P. Publications,
   Publication Date: Feb. 1998 Country of Publication: UK
   CODEN: DNJODC   ISSN: 0265-4490
   SICI: 0265-4490(199802)28:1L.3:GDSS;1-P
   Material Identity Number: E991-98001
   Language: English   Document Type: Journal Paper (JP)
   Treatment: General, Review (G)

   Abstract: A 1997 survey of 401 blue-chip UK companies undertaken by
Business Objects has revealed an explosion in the deployment of decision
support systems. This report gives a statistical analysis of the survey and
highlights significant results. Where appropriate, this report contrasts
the results with other published research and draws some conclusions.
Respondents included IT managers from major UK corporations, who were
  asked   about their current technology investments in decision support and
their purchasing intentions for 1997. The managers were from all industry
sectors but included specifically the following sectors: air travel,
building societies, high-street banks, retail, travel agencies, insurance,
pharmaceutical, motor manufacture, utilities (privatised and state-owned),
government and education. The report has been split into seven sections:
(1) the move to enterprise-wide deployment; (2) the data warehouse market;
(3) **integration** of querying, reporting and OLAP tools; (4) **data mining**
 set for growth; (5) the move to 32-bit technology; (6) database platforms
used for decision support; and (7) IT investment. (3 Refs)
   Subfile: C
   Descriptors: business data processing; decision support systems; reviews;
software management; statistical analysis
   Identifiers: decision support systems; survey; blue-chip UK companies;
Business Objects; DSS deployment; statistical analysis; IT managers;
technology investments; purchasing intentions; industry sectors; air travel
; building societies; high-street banks; retail; travel agencies; insurance
; pharmaceutical industry; motor manufacture; privatised utilities;
state-owned utilities; government; education; enterprise-wide deployment;
data warehouse market; querying tools; reporting tools; OLAP tools; online
analytical processing; data mining; 32-bit technology; database platforms;
IT investment; 32 bit
   Class Codes: C7102   (Decision support systems)
   Numerical Indexing: word length 3.2E+01 bit
   Copyright 1998, IEE

   12/5/12   (Item 8 from file: 2)
DIALOG(R)File   2:INSPEC
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5577666   INSPEC Abstract Number: C9706-6160D-011
   **Title: Rough sets as a foundation to add data mining capabilities to a
RDMS**
   Author(s): Fernandez-Baizan, M.C.; Menasalvas Ruiz, E.; Pena, J.M.;
Castano, M.; Santos, E.; Portaencasa, R.; Perez, C.
   Conference Title: Symposium on Modelling, Analysis and Simulation. CESA
'96 IMACS Multiconference. Computational Engineering in Systems
Applications   Part vol.2   p.764-8 vol.2
   Publisher: Gerf EC Lille - Cite Scientific, Lille, France
   Publication Date: 1996 Country of Publication: France   2 vol. 1282 pp.
   ISBN: 2 9502908 5 X   Material Identity Number: XX97-00800
   Conference Title: Proceedings of International Conference on
Computational Engineering in Systems Applications
   Conference Date: 9-12 July 1996   Conference Location: Lille, France
   Availability: Gerf EC Lille - Cite Scientifique, BP 48 - F59651
Villeneuve d'Asq Cedex, France
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)

Abstract: This paper presents the design and first implementation of a system called RSDM (rough sets data miner). This system adds **data mining** capabilities to the POSTGRES95 database management system. A first attempt to **integrate** rough sets theory with a relational model was made in Beauboeuf and Petry (1994). It is a new approach to **integrate** a relational model with the rough sets methodology whose major goals are: to provide facilities for discovering implicit knowledge in databases making use of rough set theory; to produce a system which can take advantage of a DBMS to add these **data mining** capabilities; to provide a **WWW** interface which allows user to access, **query**, and mine remote databases; and to make as few changes as possible to the RDMS underlying the system. The paper describes broadly the algorithms that have been implemented as well as the system architecture and improvements added by the system. (12 Refs)
    Subfile: C
    Descriptors: information networks; knowledge acquisition; relational databases; user interfaces
    Identifiers: data mining capabilities; rough sets data miner; POSTGRES95 database management system; relational model; implicit knowledge; DBMS; WWW interface; remote databases
    Class Codes: C6160D (Relational databases); C6170K (Knowledge engineering techniques); C6170T (Knowledge engineering tools); C7210 (Information services and centres); C7250N (Front end systems for online searching)

5348610   INSPEC Abstract Number: C9610-6160K-002
    Title: **Information mediation in cyberspace: scalable methods for declarative information networks**
    Author(s): Dao, S.; Perry, B.
    Author Affiliation: Inf. Sci. Lab., Hughes Res. Labs., Malibu, CA, USA
    Journal: Journal of Intelligent Information Systems: Integrating Artificial Intelligence and Database Technologies   vol.6, no.2-3   p. 131-50
    Publisher: Kluwer Academic Publishers,
    Publication Date: June 1996   Country of Publication: Netherlands
    CODEN: JIISEH   ISSN: 0925-9902
    SICI: 0925-9902(199606)6:2/3L.131:IMCS;1-H
    Material Identity Number: C318-96002
    U.S. Copyright Clearance Center Code: 0925-9902/96/$8.50
    Language: English   Document Type: Journal Paper (JP)
    Treatment: Practical (P)
    Abstract: An end-to-end discussion, from the local architecture to the implementation of issues and design decisions in declarative information networks is presented. A declarative information network is defined to be a dynamic and decentralized structure where value-added services are declared and applied as mediators in a scalable and controlled manner. A primary result is the need to adopt dynamically-linked ontologies as the semantic basis for knowledge sharing in scalable networks. It is shown that **data mining** techniques provide a promising basis upon which to explore and develop this result. Our prototype system, entitled Mystique, is described in terms of the KQML (Knowledge-based **Query** Manipulation Language) agent-communication language, distributed object management and distributed agent execution. An example shows how we map our architecture into the World Wide **Web** (**WWW**) and transform the appearance of the **WWW** into an intelligently **integrated** and multi-subject distributed information network. (19 Refs)
    Subfile: C
    Descriptors: deductive databases; distributed databases; information networks; knowledge acquisition; object-oriented databases; software agents
    Identifiers: information mediation; cyberspace; scalable networks; declarative information networks; local architecture; dynamic decentralized

structure; value-added services; dynamically-linked ontologies; knowledge sharing; data mining techniques; Mystique; KQML agent-communication language; Knowledge-based Query Manipulation Language; distributed object management; distributed agent execution; World Wide Web; intelligently integrated, multi-subject distributed information network; semantic integration; declarative interoperability

Class Codes: C6160K (Deductive databases); C5620W (Other computer networks); C7210 (Information services and centres); C6170K (Knowledge engineering techniques); C6160B (Distributed databases); C6160J (Object-oriented databases)

12/5/14   (Item 10 from file: 2)
DIALOG(R)File   2:INSPEC
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5347272   INSPEC Abstract Number: B9609-6210L-188, C9609-5620W-076
  Title: Constraint-based information gathering for a network publication system
  Author(s): Borghoff, U.M.; Pareschi, R.; Karch, H.; Nohmeier, M.; Schlichter, J.H.
  Author Affiliation: Grenoble Lab., Rank Xerox Res. Centre, Meylan, France
  Conference Title: PAAM 96. Proceedings of the First International Conference on the Practical Application of Intelligent Agents and Multi-Agent Technology   p.45-59
  Publisher: Practical Application Company, Blackpool, UK
  Publication Date: 1996 Country of Publication: UK   933 pp.
  Material Identity Number: XX96-00843
  Conference Title: Proceedings of First International Conference on Practical Application of Intelligent Agents and Multi-Agent Technology
  Conference Date: 22-24 April 1996   Conference Location: London, UK
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Practical (P)

  Abstract: The **Internet** and the World-Wide **Web** (**WWW**) are revolutionizing knowledge exchange by linking heterogeneous information repositories into a kind of gigantic world-wide **digital** library. Yet up until now, **knowledge management** on the **WWW** has mainly been provided by navigation tools like Mosaic and Netscape, and by engines like Alta Vista Lycos and Yahoo which support navigation by automating the search for user relevant **WWW** sites. The simplicity of this paradigm has been the key to the initial success of the **Web** infrastructure but now falls short of more complex applications needed by an ever growing community of users. Prominent among these needs is flexible information gathering from multiple knowledge sources to ad hocratically serve the **requests** of specific user groups. For instance, Network Publication Systems (NPS) for large organizations need flexible **integration** of enquiry information like Who's Who services and tables of contents of journals with E-print archival material, as well as flexible adaptation of local **query** services. Agent technology can provide the right answer to these demands. We describe agent based information gathering on the **WWW** in the context of a NPS for the European Physicist Society. In our approach, we exploit constraints to implement information gathering with maximal flexibility. (28 Refs)
  Subfile: B C
  Descriptors: cooperative systems; electronic publishing; information retrieval; Internet; software agents
  Identifiers: constraint based information gathering; network publication system; Internet; World-Wide Web; knowledge exchange; heterogeneous information repositories; gigantic world-wide digital library; knowledge management; Web infrastructure; information gathering; multiple knowledge sources; flexible integration; enquiry information; E-print archival material; flexible adaptation; local query services; agent technology; agent based information gathering; WWW
  Class Codes: B6210L (Computer communications); C5620W (Other computer networks); C7250R (Information retrieval techniques); C6170 (Expert systems); C7230 (Publishing and reproduction)

12/5/15   (Item 11 from file: 2)
DIALOG(R)File   2:INSPEC
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03843125   INSPEC Abstract Number: C91024511
  Title: APT-a productivity tool for supporting expert analysis of time series data
  Author(s): Delatizky, J.; Morrill, J.P.
  Author Affiliation: BBN Syst. & Technol. Corp., Cambridge, MA, USA
  Conference Title: Proceedings. The Third International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE 90)   p.478-84 vol.1
  Publisher: ACM, New York, NY, USA
  Publication Date: 1990 Country of Publication: USA   2 vol. xiv+1176 pp.
  ISBN: 0 89791 372 8
  U.S. Copyright Clearance Center Code: 0 89791 372 8/90/0007/0478$1.50
  Conference Sponsor: ACM; Univ. South Carolina; Univ. Tennessee Space Inst
  Conference Date: 15-18 July 1990   Conference Location: Charleston, SC, USA
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Practical (P)
  Abstract: Computer programs for graphing and analyzing time series data are widely available. For large data analysis applications, however, the analyst may invest a great deal of time navigating an ocean of data in order to find the relevant and interesting pieces. By making this process of discovery easier the authors can improve the productivity of the analyst. They describe a data analysis system **composed** of an eclectic combination of **pattern recognition** , artificial intelligence, and **digital** signal processing with the goal of providing some of the right tools. The machine is used to accept abstract descriptions of interesting or anomalous data and then to bring that data quickly into the **user interface** . The same tools can screen large datasets in the analyst's absence. The human analyst spends less time wading through graphs and numbers and more time answering the **question** of the day. The goal is to empower the analyst by providing a higher-level language with which to manipulate, visualize, and restructure the semantic concepts of the domain. (5 Refs)
  Subfile: C
  Descriptors: computerised pattern recognition; data analysis; expert systems; software packages; time series
  Identifiers: time series data; pattern recognition; artificial intelligence; digital signal processing; user interface
  Class Codes: C7310 (Mathematics); C6170 (Expert systems); C1140Z (Other and miscellaneous)

12/5/16   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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05164960   E.I. No: EIP98114478475
  Title: IBM data warehouse architecture
  Author: Bontempo, Charles; Zagelow, George
  Corporate Source: Univ in Brooklyn, Brooklyn, NY, USA
  Source: Communications of the ACM v 41 n 9 Sep 1998. p 38-48
  Publication Year: 1998
  CODEN: CACMA2   ISSN: 0001-0782
  Language: English
  Document Type: JA; (Journal Article)   Treatment: A; (Applications)
  Journal Announcement: 9901W3
  Abstract: IBM has developed a comprehensive set of data warehouse offering (hardware and **software**) and an **integrated** warehouse solution

designed to serve a wide range of requirements - from simple **query** and
reported to advanced **data mining** . The data warehouse architecture
includes the ability to **integrate** data managed by multivendor offerings,
as well as interfaces facilitating interoperability with multivendor tools.
4 Refs.
   Descriptors: *Computer architecture; Decision support systems; Relational
database systems; Management information systems; Online systems; Data
structures; Query languages; Object oriented programming; Java programming
language
   Identifiers: Multidatabase server; Online analytical processing; Metadata
interchange specification; Open database connectivity interface; Online
transaction processing
   Classification Codes:
   723.1.1   (Computer Programming Languages)
   723.1   (Computer Programming); 723.2   (Data Processing); 722.4   (Digital
Computers & Systems)
   723   (Computer Software); 722   (Computer Hardware)
   72   (COMPUTERS & DATA PROCESSING)

   12/5/17   (Item 1 from file: 94)
DIALOG(R)File   94:JICST-EPlus
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01694325   JICST ACCESSION NUMBER: 92A0826953   FILE SEGMENT: JICST-E
Development of the fifth generation computer. Unfinished revolution.(
   Sponsor : Science and Technology Agency, Natl. Inst. of Sci. and
   Technology Policy).
FUCHI KAZUHIRO (1)
(1) Inst. for New Generation Computer Technology
Kagaku Gijutsu Seisaku Kenkyujo Chosa Kenkyu Shiryo. Koenroku, 1992, NO.28
, PAGE.28P
JOURNAL NUMBER: J0799AAG
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.002   681.3.066
LANGUAGE: Japanese   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Introduction article
MEDIA TYPE: Printed Publication
ABSTRACT: It is electrically simple to connect computers. However,
   software for their efficient utilization is very difficult to make.1)
   Technical frame to link knowledge processing to parallel processing.2)
   Process of research and development (operating system, circuit design
   of LSI, UNIX, CAE).3) Research results and evaluation (parallel
   computer, information processing).4) Research results opened to the
   public (intellectual property).5) Unfinished revolution (technical
   progress, basic research, project management).6) Ideal national
   project (**pattern identification** , knowledge representation,
   artificial intelligence, open-loop system, administrative organizations
).The above themes are theoretically examined. Secondly, **questions**
   and answers about programing language (logical language, Prolog,
   FORTRAN, COBOL) and neuro computer are reported. 1992.5!.
DESCRIPTORS: programming language; sequential processing; parallel
   processing; parallel computer; UNIX; technology development; LSI;
   circuit design; CAE; logic programming language; Prolog; FORTRAN;
   neurocomputer; operating system
BROADER DESCRIPTORS: formal language; language; treatment; digital computer
   ; computer; hardware; system program; computer program; software;
   research and development; development; integrated circuit; micro
   circuit; design; computer application; utilization; high level language
CLASSIFICATION CODE(S): JE01000C; JD03020J

   12/5/18   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS
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1996069 NTIS Accession Number: PB97-138242
NIST Form-Based Handprint Recognition System (Released 2.0)
Garris, M. D. ; Blue, J. L. ; Candela, G. T. ; Grother, P. J. ; Janet, S. A.

National Inst. of Standards and Technology (CSL), Gaithersburg, MD. Information Access and User Interface Div.
Corp. Source Codes: 099724008
Report No.: NISTIR-5959
Jan 97   71p
Languages: English
Journal Announcement: GRAI9710
See also PB94-217106.

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NTIS Prices: PC A05/MF A01
Country of Publication: United States

The National Institute of Standards and Technology (NIST) has developed a new release of a standard reference form-based handprint recognition system for evaluating optical character recognition. As with the first release, NIST is making the new recognition system freely available to the general public on CD-ROM. This source code testbed, written entirely in C, **contains** both the original and the new recognition systems. New utilities are provided for conducting generalized form registration, intelligent form removal with character stroke preservation, robust text-line isolation in handprinted paragraphs, adaptive character segmentation based on writing style, and sophisticated Multi-Layer Perceptron (MLP) neural network classification. A **software** implementation of the machine learning algorithm used to train the new MLP is included in the testbed, enabling recipients to train the neural network for **pattern recognition** applications other than character classification. A host of data structures and low-level utilities are also provided. These include the application of spatial histograms, affine image transformations, simple image morphology, skew correction, connected components, Karhunen Loeve feature extraction, dictionary matching, and many more. The **software** testbed has been successfully compiled and tested on a host of UNIX workstations including computers manufactured by **Digital** Equipment Corporation, Hewlett Packard, IBM, Silicon Graphics **Incorporated** , and Sun Microsystems. Approximately 25 person-years have been invested in this **software** testbed, and it can be obtained free of charge on CD-ROM by sending a letter of **request** via postal mail or FAX to NIST. The report documents the new recognition **software** testbed in terms of its installation, organization, and functionality.
Descriptors: *Optical character recognition; *Handwriting; *Standards; Artificial intelligence; Image processing; Performance evaluation; Classification; Computer programs; Neural networks
Identifiers: NTISCOMNBS
Section Headings: 62F (Computers, Control, and Information Theory--Pattern Recognition and Image Processing); 46C (Physics--Optics and Lasers); 62D (Computers, Control, and Information Theory--Information Processing Standards)

12/5/19   (Item 1 from file: 34)
DIALOG(R)File   34:SciSearch(R) Cited Ref Sci
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06843906   Genuine Article#: ZW387   Number of References: 46
Title: The Merck Gene Index browser: an extensible data integration
    system for gene finding, gene characterization and EST data   mining
Author(s): Eckman BA (REPRINT) ; Aaronson JS; Borkowski JA; Bailey WJ;
    Elliston KO; Williamson AR; Blevins RA
Corporate Source: SMITHKLINE BEECHAM PHARMACEUT,DEPT BIOINFORMAT/KING OF
    PRUSSIA//PA/19406 (REPRINT); MERCK RES LABS,DEPT BIOINFORMAT/W
    POINT//PA/; MERCK RES LABS,DEPT IMMUNOL/RAHWAY//NJ/

                         EKD   March 13, 2003

Abstract: Motivation: To make effective use of the vast amounts of
    expressed sequence tag (EST) sequence data generated by the
    Merck-sponsored EST project and other similar efforts, sequences must
    be organized into gene classes, and scientists must be able to 'mine'
    the gene class data in the contest of related genomic data.
        Results: This paper presents the Merck Gene Index browser; an
    easily extensible, World Wide Web-based system for mining the Merck
    Gene Index (MGI) and related genomic data. The MGI is a non-redundant
    set of clones and sequences, each representing a distinct gene,
    constructed from all high-quality 3' EST sequences generated by the
    Merck-sponsored EST project. The MGI browser integrates data fi-om a
    variety of sources and storage formats, both local and remote, using an
    eclectic integration strategy, including a federation of relational
    databases, a local data warehouse and simple hypertext links. Data
    currently. integrated include: LENS cDNA clone and EST data, dbEST
    protein and I?on-EST nucleic ac id similarity data, WashU sequence
    chromatograms, Entrez sequence and Medline entries, and UniGene gene
    clusters. Flatfile sequence data are accessed using the Bioapps server,
    an internally developed client-server system that supports generic
    sequence analysis applications. Browser data are retrieved and
    formatted by means of the Bioinformatics Data Integration Toolkit
    (B-DIT), a new suite of Perl routines.

        Availability: Software is available on request from the authors.

        Contact: barbara eckman@sbphrd.com.

Identifiers--KeyWord Plus(R): EXPRESSED SEQUENCE TAGS; HUMAN GENOME;
    MOLECULAR ANALYSIS; MAP; TOOL; IDENTIFICATION; RESOURCE; IMAGE; STSS;
    PIR

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EKD   March 13, 2003

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File   88:Gale Group Business A.R.T.S. 1976-2003/Mar 12
           (c) 2003 The Gale Group
File  647:CMP  Computer Fulltext 1988-2003/Feb W4
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File   15:ABI/Inform(R) 1971-2003/Mar 13
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File  621:Gale Group New Prod.Annou.(R) 1985-2003/Mar 12
           (c) 2003 The Gale Group


Set     Items    Description
S1       788     OLAM OR (ON(1W)LINE OR ONLINE)()ANALYTICAL()MINING OR PATT-
                 ERN()(FIND? OR LOCATE? OR DETECT? OR DISCOVER? OR IDENTIF? OR
                 RECOGNI?)(5N)(INTEGRAT? OR WITHIN OR CONTAINED OR COMPOSED OR
                 MAKEUP OR BLEND? OR EMBEDD? OR INCORPORAT?)
S2      3625     (DATA()(MINING OR SNOOPING) OR KNOWLEDGE()(DISCOVERY OR MA-
                 NAGEMENT) OR KDD)(5N)(INTEGRAT? OR WITHIN OR INSIDE OR CONTAI-
                 NED OR COMPOSED OR BLEND? OR EMBEDD? OR INCORPORAT?)
S3     21736     (QUESTION? ? OR QUERY OR QUERIES OR ASK? OR REQUEST? OR IN-
                 QUIR?)(3N)(USER()INTERFACE? OR SOFTWARE? OR ROUTINE? ? OR COM-
                 PONENTWARE? OR LINKER? OR GUI OR (GRAPHIC? OR TEXT)(2N)(DISPL-
                 AY OR MANIFEST? OR DEPICT? OR SHOW? ?))
S4        67     (S1 OR S2) AND S3 AND (INTERNET OR WWW OR WEB OR LAN OR WAN
                  OR ELECTRONIC OR NET OR INTRANET OR ETHERNET OR EXTRANET OR -
                 ONLINE OR CYBER OR VIRTUAL? OR DIGITAL?)
S5        24     S4 NOT PD>19981013
S6        22     RD (unique items)
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03081076   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Drilling for data
Eckerson, Wayne W
Computerworld (COW), v30 n49, p95-96, p.2
 Dec 2, 1996
 ISSN: 0010-4841   JOURNAL CODE: COW
 DOCUMENT TYPE: Feature
 LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1259

ABSTRACT: The five categories of decision-support tools--reporting,
managing query, executive information systems, **online** analytical
processing and data mining--and a sampling of some of the key vendors in...
TEXT:
...   tools will be their ability to support high-performance,
interactive queries across the World Wide **Web** .
    There are five categories of decision-support tools, although the
lines that separate them are...

...sampling of some of the key players in each:
     Reporting
     Managed query
     Executive information systems
     Online analytical processing (See OLAP tools review, page 101.)
     Data mining
     Reporting tools can be divided...

...oriented interfaces for designing and manipulating reports and modules
for performing ad hoc queries and **online** analytical processing (OLAP)
analyses.
    Managed query tools shield end users from the complexities of SQL...

...embraced three-tier architectures to improve scalability. They support
asynchronous query execution and integrate with **Web** servers. Managed
query tools vendors also are racing to embed support for OLAP and data...
...and Information Builders take a best-of-breed approach, offering
Microsoft Corp. Office-like suites **composed** of managed query, OLAP and
data   mining tools.
    Other leading managed **query** tools are IQ **Software** 's IQ Objects,
Andyne Computing Ltd.'s GQL, IBM's Decision Server, Speedware Corp.'s...

...a high-level view of the business and access to external sources, such
as custom, **online** news feeds. EIS applications highlight exceptions to
normal business activity or rules by using color...

03817313   H.W. WILSON RECORD NUMBER: BWBA98067313   (USE FORMAT 7 FOR
FULLTEXT)
IT-enhanced productivity and profitability.
King, Wiliam R
Information Systems Management (Inf Syst Manage) v. 15 no3 (Summer '98) p.
70-2
LANGUAGE: English
WORD COUNT: 2192

  (USE FORMAT 7 FOR FULLTEXT)

...ABSTRACT: the integrated philosophies of total quality management and

business process reengineering, global communications networks, the **Internet** and the World Wide **Web** , intranets, enterprise systems, mass customization, **integrated** logistics, and **data mining** and warehousing. Details of these applications are provided.

TEXT:
...   the important drivers are the integrated philosophies of TQM and BPR, global communications networks, the **Internet** and the World Wide **Web** , intranets, enterprise systems, mass customization, **integrated** logistics, and **data mining** and warehousing.

THE **INTEGRATED** BUSINESS PROCESS REENGINEERING (BPR) -- TOTAL QUALITY MANAGEMENT (TQM) PHILOSOPHY
The pervasiveness of TQM and BPR...

...restart it using new technology and methods rather than making do with mediocre performance. The **net** result of the integrated TQM-BPR philosophy has been a new attitude of out with...

...various geographic locations because they can be recognized and utilized through the global networks.

THE **INTERNET** AND WORLD WIDE **WEB** (**WWW**)
Although its widespread use is only a few years old, and despite the difficulties that many firms have experienced in figuring out ways to make a profit on the **Internet** , some companies are using the World Wide **Web** (**WWW**) to good effect in enhancing productivity.

Cisco Systems, for example, handles 70[percent] of the support calls that it receives without human intervention. That use of the **Web** has saved about 1,000 staff positions and is worth $125 million per year to...
...is selling computers at the rate of over a million dollars a day using the **Web** -- an achievement that may lead to the creation of an entirely new business model for...

...sales. Dell already possessed a cost advantage because of its direct sales model, and the **Web** sales channel only can reduce costs and increase sales.
Other companies have been successful in conducting business on the **Web** , although they may not be profitable yet. Amazon.com, the **Internet** bookstore, has sold nearly tens of millions of books electronically. Other booksellers have rushed to use the **Web** to augment their traditional approaches, fearing that the entire nature of book selling may be...

...ease of access, and availability to book buyers.
Firms in other industries are experimenting with **Web** -based models, and entirely new businesses are being created at a rapid pace.(FN3)

INTRANETS
Just as the **Internet** has created new opportunities for firms, the in-house versions that are referred ...computer-supported cooperative work (CSCW) the normal way in which some businesses operate. The early **intranet** applications primarily served to disseminate information to employees concerning benefit plans, internal job opportunities and the like. They benefited everyone and enhanced productivity somewhat by allowing **electronic** selection of options. They also may have increased the morale and awareness of employees.

However...

...can handle graphics), software to get data into warehouses, software to operate data warehouses, and **software** for designing **queries** to probe databases, managers have available a newfound wealth of relevant business information.

CONCLUSION

EKD   March 13, 2003

Taken...

...information technology -- the management philosophy that has grown from
TQM and BPR, global networks, the **Internet** , intranets, enterprise
systems, mass customization and integrated logistics, and data warehousing
and mining -- have had...19, 1997, pp. 29-34.

3. Clark, D., "Sampling of Start-Ups shows How the **Internet**
Inspires," Wall Street Journal, June 4, 1997, pp. B1 and B4.
...

6/3,K/3   **(Item 1 from file: 15)**
DIALOG(R)File   15:ABI/Inform(R)
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01633836 02-84825
Data Mining in Marketing: Part 2
Peacock, Peter R
Marketing Management v7n1 PP: 14-25 Spring 1998
ISSN: 1061-3846 JRNL CODE: MMA
WORD COUNT: 5173

...TEXT: and the results can be in the form of standard paper reports or in
an **electronic** form made available over the corporate network or **intranet**
.

Recalibrating the Model

Individual behavior changes, households reconstitute themselves, and the
marketing environment of every...

... data mart" supporting the analytical requirements of an individual
department. It also could be a " **virtual** warehouse" in software and
communications links between a customer information file and the company's
... results available to decision makers in the output phase. This can
involve paper reports or **electronic** text and graphics accessible via
software tools on the desktop client machines of marketing managers...
documentation describing the algorithms and how they are to be run, and the
names of **online** computer directories where they are to be stored. Formats
for decision rules would include the...

...where they can be found, and access restriction specifications.

Formal reports can be delivered in **electronic** or paper formats, in
straight text or multimedia, or through a variety of other communications
media-regular or intra-organizational mail, email, or **Web** -based delivery.
Hypotheses about relationships would normally be presented in descriptive
text in a working...

...major data mining vendors offering products and services, and additional
listings can be found at **www** .sentrytech.com. These vendors' computing
platforms, approximate price ranges, and product descriptions are readily
available by linking to their **web** sites. Many vendors also provide
downloadable, limited-use demo copies of their software applications.

(Table...the next project and makes it easier to obtain project approval.

Privacy Concerns
In the **electronic** age, individual privacy is a hotbutton issue. New laws
restricting access to data and how...

...The Future

With the emergence of interactive TV, the continued expansion of the World
Wide **Web** , and increasing capabilities of ATMs and other point-ofsale
technologies, customer contact points will become...

EKD   March 13, 2003

...mail offers, catalog drops, and customer reactivation efforts.

Increasingly, however, we will encounter applications of **embedded data mining** , where **data mining** capabilities are **incorporated** directly into dynamic, real-time operations. Companies that **integrate** their operational systems and **data mining** infrastructures will be far better prepared than their competitors to implement the increasingly important share... data mining tool suites before settling on one that included visualization, decision tree, and neural **net** capabilities as well as a set of standard statistical **routines** and a **query** engine. Now they are ready to plunge into KDD.

Footnote: ·
Endnote

Footnote:

1Enhancement data, also...

 6/3,K/4   (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01369935 00-20922
A chat with your CIO
Sommer, Brian S
Financial Executive v13n1 PP: 33-36 Jan/Feb 1997
ISSN: 0895-4186 JRNL CODE: FEX
WORD COUNT: 1742

...ABSTRACT: being done in information systems beyond transaction processing? ·3. What is being done about the **Internet** ? 4. How much integration is really needed? 5. If technology continues to rapidly become obsolete...
...TEXT: and your people focus on these critical components?

3. What are we doing about the **Internet** ?

Since many information systems are egocentric, many firms have been slow to pick up on opportunities to use business-to-business or businessto-customer information systems across the **Internet** . The evolution of information systems is moving beyond the four walls of your firm. Your...

...to connect your package software to other vendors' package software.

But you must plan your **Internet** access and applications well. Your firm must architect the necessary security to protect other information assets before you open your company to the **Internet** . After you've done that, the **Internet** represents a significant chance to simplify communications. Indeed, for many new firms, the **Internet** is their network. They never built or supported any other network; they simply use the **Internet** .

Failure to understand and exploit your opportunities in this sector may leave your firm at... you find new benefits and new value? Look in areas like business-tobusiness commerce, global **integration** of the enterprise, **knowledge   management** , asset-building systems, custom strategic applications and data-mining applications.

The focus of these business...

...a particular vertical market.

If you desire a partnership or highly influential relationship with a **software** vendor, candidly **ask** yourself: What is it I intend to give and

get in this deal? Does the...

...functions),

combine two or more technologies to dramatically reduce process time (for example, use the **Internet** and smart agents to automate shopping decisions so purchasing personnel are able to spend more...

6/3,K/5   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02246314   SUPPLIER NUMBER: 21260155   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Emerging managed care technologies. (Excerpt from Change drivers:
  Information Systems for Managed Care) (Industry Trend or Event)
Garets, David; Hanna, Douglas
Health Management Technology, v19, n11, p28(4)
Oct, 1998
ISSN: 1074-4770   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2668   LINE COUNT: 00293

TEXT:
     Call centers, data warehouses, touch-screen kiosks, and **Internet** information networks are playing major roles as new business enablers, helping health care organizations manage...
...   based computers

and wireless technologies	for clinician documentation; two-way pagers; wireless LANs; limited personal **digital** assistant (PDA) applications for physician documentation, phone directory, E-mail
Patient	Limited technology at present...

...version of

	HealthWise handbook; E-mail connectivity to PCPs; some physiological monitoring in the home
Electronic data interchange (EDI)	Claims, pre-authorizations, referrals, remittance advice, direct ordering of supplies, equipment
Internet access and World Wide **Web** sites	Patient registration from home; dissemination of clinical guidelines; explanation of procedures to patients; certified managed care executive (CME...

...of medical

recognition (OCR)	record forms, reading claims forms
Kiosks with touch screens	Links to enterprise **intranet**
Rules-based technologies and expert systems	Financial and clinical decision-support tools, preauthorization and...

...images, order entry and

technologies	results reporting, E-mail, home, health, telemedicine and telecommuting
Patient	**Virtual** visits to PCPs via **Internet** or

self-management	IDS **intranet** , extensive physiological monitoring in the home; wellness software for member home PCs, home health training, and education
Electronic data interchange (EDI)	Enhanced communication between employers and providers, payers, and financial institutions; workers' compensation claim tracking; communication between providers of computer-based patient record components
Internet access and World Wide **Web** sites	Backbone for national health information network; means to access national master member index, core technology for customized data...

...and paperless office

Kiosks with touch screens	Public access to information through integration with the **intranet** and **Internet**
Rules-based technologies and expert systems	Systems to read pathology, radiology images, clinician assistant, financial and clinical systems **data mining** , **integrated** information technology management systems
Client-server development tools	Development of object-based, **request** -brokered **software** using client-server tools to provide customized, complex, cross-platform systems solutions

Today most integrated...

...processing
    Imaging is the process by which graphical or textual information is converted to a **digital** format through the use of specialized scanning technology. At a minimum, imaging applications must:
    * Provide basic functionality and technology to scan **digital** images created from paper-based inputs;
    * Provide indexing capabilities for those **digital** images;
    * Assist in managing the physical media where the images will be stored, preferably optical disks; and
    * Retrieve, view, and manipulate the **digital** images based on specified indexes or alternate keys.
    Despite critics who feel it is a...

...business processes.
    With workflow technology, information (or work) is captured as an image, fax, or **electronic** data interchange (EDI) input. The information is identified, and data is entered and routed to...workflow systems. We will soon see better solutions that incorporate new technologies like telephony and **Internet / intranet** . The market also will force a continued consolidation of vendors, resulting in five or fewer...

...will link member homes and the managed care providers. One promising solution is ADSL (asymmetric **digital** subscriber loop), which will allow transmission of full-motion, on-demand video, voice, images, and...

...manipulating information, generally in the categories of databases, point-and-click ad hoc query tools, **online** analytical processing (OLAP) tools, and data mining tools.
    The data warehouse provides end users with...no longer viable -- the

move is to client-server, with special attention being paid to **Web**
technologies and CTI. At the same time, multimedia applications are quickly
evolving, which means migrating...

6/3,K/6   (Item 2 from file: 275)

02224799   SUPPLIER NUMBER: 53055704   (USE FORMAT 7 OR 9 FOR FULL TEXT)
DOCUMENT MANAGEMENT SOFTWARE. (Buyers Guide)
Miles, J.B.
Government Computer News, 57(1)
Sept 28, 1998
DOCUMENT TYPE: Buyers Guide   ISSN: 0738-4300   LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 4278   LINE COUNT: 00752

...   of flotsam. And, unquestionably, it's difficult to get a handle on
what it means. **Ask 100 software** developers, secretaries or government
information systems directors for a definition and you'll likely get...

...of most offices. A study by the international accounting firm Ernst and
Young indicated that **electronic** document management can triple processing
capacity, cut staff work time by up to 50 percent...

...often include document imaging, file management, workflow management,
computer output to laser disk (COLD) processes, **Web** -page publishing,
forms processing, text mining and even text formatting. Highly integrated
Web systems are beginning to dominate the market.
    Great price
    Definitions of modem document management systems...

...the processing but offloads some tasks to a PC running Windows 95 or NT.
    Such **LAN** designs offered many benefits, but low price wasn't one of
them. Although most systems...

...storage media and create a solid strategy for retrieval, and management
of stored information. Add **Internet** use, which has spread around the
globe faster than chicken pox in kindergarten, and you have highly
affordable document management at your fingertips.
    Using **Web** browsers as the main tools for information gathering and
dissemination, programs that cost thousands of...

...selected by users. More than half of the programs listed-27 out of
40-are **Web** -enabled. The message to software makers is: Put a **Web**
component in your document management system or risk extinction.
    Some high-end enterprise document management...

...and browser-based thin ones. Thick clients, full-fledged PCs or
workstations running on a **LAN** , can offload heavy portions of the document
management workload from a server running Windows NT...
...onto their own processors. Thin clients, which are less robust and
powerful, work via a **Web** browser such as Netscape Navigator or Microsoft
Internet Explorer. With less processing overhead to manage, they cost less
per seat to implement.
    Platinum...

...support for both thick and thin clients. At its core, however, it is a
true **Web** -based document management system and includes document content
gathering, versioning and usage.
    Intertech Information Management Inc.'s DocuPact **Web** Server 3.2 and
Netright Technologies Inc.'s iManage Network 4.0 are straightforwardly **Web**
-based. DocuPact **Web** Server is designed mainly for document viewing and
annotation. The iManage Network software operates from a three-tiered
design that provides open access to documents from remote computers over

the **Internet** using standard **Web** browsers. It is scalable from a handful to several thousand users.

Document sharing

Net -It Software Corp.'s **Net** -It Central 2.6 clients use browsers exclusively for **Web** publish ing and **intranet** document sharing. Lotus Development Corp.'s **Web** -based Domino.doc 2.0 works with Lotus' Domino and Notes for enterprisewide document management...

...supports enhanced log reporting for tracking activity on the server and Secure Sockets Layer for **extranet** apps.

Together with Encanto Networks Inc. and Chiliad Publishing Inc., Xerox plans to incorporate DocuShare 1.5 into **Web** access and publishing software.

The move to **Web** technology is the most dominant trend among document management systems, but it's not the only one. The AIIM-IDC study also lists **integrated** functions, standards compliance, scalability and **knowledge management** as other key factors in the document management strategies.

Users once had to settle for...services for AIIM.

Information about the ODMA 2.0 SDK is posted on the AIIM **Web** site at http:// **www** .aiim.org/ industry/standards! intex.html. html

DOD standard

Another standards effort, especially important for...

...products to certify compliance. DISA provides more details about the process on its records management **Web** site at http://wwwjitc-emh.army.mil/recmgt/.

Increasingly, users want to scale their document...

...described how a large petroleum company using Lotus Notes and Domino also uses videoconferencing and **online** whiteboarding as part of its document management strategy. Via its network, a company representative can ...

...real time call up corporate experts to help explain the array of text, graphical and **Web** documents used in a particular technical discussion. Papows called it the future of collaboration and...

...newspaper clippings and word-processed documents that litter your desktop?

A quick scan of the **Web** turned up several technologies that cost about $100 and can help you clean up, if...

...a fairly complete storage system that includes user-defined folders. Check it out at http:// **www** .visioneer.com.

The single-user version of Computhink Inc.'s The Paperless Office, priced at...

...with storage management to help individuals and small groups facilitate workflow. Research it at http:// **www** .computhink.com

The $100 Pagis Pro 20 from ScanSoft Inc. of Peabody, Mass., at http:// **www** .pagis.com, is similar to The Paperless Office but integrates with Microsoft Windows to scan...

...Details about Newsoft Inc.'s $49 Presto PageManager 98 3.0 are posted at http:// **www** .newsoftinc.com. Newsoft of Fremont, Calif., bills it as a three-tiered personal document manager with an image filing cabinet, disk explorer and **Web** page manager. It also comes with a fuzzy search engine for finding documents by key-words and annotation tools for **electronic** document markup.

It is about you

The $39 PageKeeper Standard from Caere Corp. of Los...

...of PageKeeper is bundled free with many third-party scanners. Get the details at http:// **www** .caere.com.

Mindworks Corp. of Sunnyvale, Calif., has a $100 Recollect 95 that isn't imaging software, but offers powerful full-text fuzzy search

capabilities.
     Manage your purchase
     () **Web** technology, low-cost scanners and cheap storage have combined to make document management affordable.
     () No...products that will best meet your requirements.
     Document management
     () Intuitive search and query capabilities via **Web** browser
     () Ability to save and print search results
     () Search templates
     () User-definable folders for organizing...

...Objects for interfaces to document properties, folders, file class and property descriptions
     () Support for building **Internet** apps
     () **Web** server-based administration tools
     () Remote diagnostics
     Application integration
     () Easy integration with other modules of the...

...least 50M of hard disk space, 64M of RAM on thick clients
     () Support for Microsoft **Internet** Explorer 3.0 and Netscape Navigator or Communicator 3.0 or higher

     To manage all...

...Corp.   NetVue 2.0
     2 Westborough Business Park
     Westborough, Mass. 01581
     508-898-2770
     http:// **www** .accusoft.com
     Altris Software Inc.   Pro EDM 1.0
     9339 Carroll Park Drive
     San Diego, Calif. 92121
     619-629-3000
     http:// **www** .altris.com

Cardiff Software Inc.   Teleform Standard and Elite 5.4
     1782 La Costa Meadows Dr.
     San Marcos, Calif. 92069
     760-752-5200
     http:// **www** .cardiffsw.com
     Computhink Inc.   The Paperless Office 2.1
     860 Parkview Blvd.
     Lombard, lll. 60148
     630-705-9050
     http:// **www** .computhink.com
     Diamond Head Software Inc.   ImageBASIC 3.0
     1217 **Digital** Drive
     Richardson, Texas 75081
     972-479-9205
     http:// **www** .dhs.com
     Document Sciences Corp.   Autograph 6.4
     6333 Greenwich Drive
     San Diego, Calif. 92122
     619-625-2000
     http:// **www** .docscience.com
     Documentum Inc.   EDMS 98 3.0
     5671 Gibraltar Drive
     Pleasanton, Calif. 94588
     510-463-6300
     http:// **www** .documentum.com

Eastman Software Inc.   Document Manager for Micropsoft Exchange (DMX) 2.0

     600 Technology Drive
     Billerica, Mass. 01821

978-967-8000
http:// **www** .eastmansoftware.com
FileNet Corp.   IDM Desktop 2.0
3565 Harbor Blvd.
Costa Mesa, Calif. 92626
714-966-3400
http:// **www** .filenet.com
Framework Technologies Corp.   ActiveProject Server 3.0
23 Third Ave.
Burlington, Mass. 01803...

...Inc.   Doc 1 1.0
4200 Parliament Ave.
Lanham, Md. 20706
301-731-2300
http:// **www** .g1.com
Intertech Information Management Inc. DocuPact **Web** Server 3.2
400 Perimeter Center Terrace
Atlanta, Ga. 30346
770-804-8080
http:// **www** .intertech.com
  IntraNet
Solutions Inc.   Intra.doc Management Systems 3.0
9625 W. 76th St.
Eden Prairie, Minn. 55344
612-903-2000
http:// **www** .intranetsol.com
Keyfile Corp.   Keyfile 4.0
22 Cotton Road
Nashua, N.H. 03063
603-883-3800
http:// **www** .keyfile.com
Kofax Image Products Inc.   Ascent Storage 4.0
3 Jennifer St.
Irvine, Calif. 92718
949-727-1733
http:// **www** .kofax.com
Lava Systems Inc.   Lava Enabler 1.0
2300 Bloor St. W.
Toronto, Ont, Can. M8X 271
416-236-5282
http:// **www** .lavasys.com
Lotus Development Corp.   Domino.doc 2.0
55 Cambridge Parkway.
Cambridge, Mass. 02142
617-577-8500
http:// **www** .lotus.com
MacroSoft Ltd.   Synergy 6.0
2523 Product Court
Rochester Hills, Mich. 48309
248-853-5353
http:// **www** .macrosoft.com
Mosaix Inc.   ViewStar 5.0
1101 Marina Village Parkway
Alameda, Calif. 94501
510-337-2000
http:// **www** .mosaix.com
 Net -It Software Corp.   **Net** -It Central 2.6
1550 Bryant St.
San Francisco, Calif. 94103
415-551-0600
http:// **www** .netit.com
NetRight Technologies Inc.   IManage Network 4.0
470 Mercury Drive
Sunnyvale, Calif. 94086
408-523-4005

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http:// **www** .netright.com
Novasoft Systems Inc.
10 Burlington Mall Road
Burlington, Mass. 01803
781-685-1533
http:// **www** .netright.com

Novation 1.0

Novell Inc.
1555 N. Technology Way
Provo, Utah 84057
801-228-5020
http:// **www** .novell.com

Web   Publisher 1.0

Open Text Corp.
185 Columbia St. W.
Waterloo, Ont., Can. N2L 5Z5
519-888-7111
http:// **www** .opentext.com

LiveLink   **Intranet**   8.0

Open Text Corp.
6600 Frantz Road
Dublin, Ohio 43016
614-761-8083
http:// **www** .opentext.com

BASIS 8.2

Optika Imaging Systems Inc.
5755 Mark Debling Blvd.
Colorado Springs, Colo. 80919
719-548-9800
http:// **www** .optika.com

eMedia 1.0

PC DOCS Inc.
25 Burlington Mill Road
Burlington, Mass. 01803
617-273-3800
http:/ **www** .pcdocs.com

DOCSFusion 2.5

Platinum Technology Inc.
1815 S. Meyers Road
Oakbrook Terrace, Ill. 60181
630-620-5000
http:// **www** .platinum.com

Raveler 1.0

Plumtree Software Inc.
235 Pine St.
San Francisco, Calif. 94104
415-263-8900
http:// **www** .plumtreesoft.com

Plumtree Server 1.0

PowerScan Inc.
1151A Seven Locks Road
Potomac, Md. 20854
301-315-0240
http:// **www** .pwrscan.com

StageWorks 3.3

Radian Systems Inc.
ger

WorldScan Distributed Object Mana

1.5 (WSDOM)

5845 Richmond Highway
Alexandria, Va. 22303
703-317-2000
http:// **www** .radsys.com

Samson Information Technologies LLC   Image Navigator 3.5
220 E. 42nd St
New York, N.Y. 10017
212-616-8600
http://wwwsamsoninfotech.com

Vendor
Accusoft Corp.
-based document publishing
2 Westborough Business Park
Westborough, Mass. 01581

Main function
Web

508-898-2770
http:// **www** .accusoft.com

Altris Software Inc.   Enterprises docuemnt management
    9339 Carroll Park Drive
    San Diego, Calif. 92121
    619-629-300
    http:// **www** .altris.com
    Cardiff Software Inc.   Document imaging
    1782 La Costa Meadows Dr.
    San Marcos, Calif. 92069
    760-752-5200
    hftp:// **www** .cardiffsw.com

Computhink Inc.   Document and image management for
                                              small to medium workgroups

    860 Parkview Blvd.
    Lombard, lll. 60148
    630-705-9050
    http:// **www** .computhink.com

Diamond Head Software Inc.   Document imaging developers tool k
it
    1217 **Digital** Drive
    Richardson, Texas 75081
    972-479-9205
    http:// **www** .dhs.com
    Document Sciences Corp.   Document formatting
    6333 Greenwich Drive
    San Diego, Calif. 92122
    619-625-2000
    http:// **www** .docscience.com
    Documentum Inc.   Enterprise document management
    5671 Gibraltar Drive
    Pleasanton, Calif. 94588   manegement
    510-463-6300
    http:// **www** .documentum.com

Eastman Software Inc.   Enterprise document management
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    Billerica, Mass. 01821
    978-967-8000
    hltp.// **www** .eastmansoftware.com

FileNet Corp.   Enterprise document management
    3565 Harbor Blvd.
    Costa Mesa, Calif. 92626
    714-966-3400
    http:// **www** .filenet.com

Framework Technologies Corp.   Compound document management
    23 Third Ave.
    Burlington, Mass. 01803
    781...

...Software Inc.   Document layout, printing
    4200 Parliament Ave.
    Lanham, Md. 20706
    301-731-2300
    http:// **www** .g1.com
    Intertech Information Management Inc.   **Web**
-based document viewing, annotation
    400 Perimeter Center Terrace
    Atlanta, Ga. 30346
    770-804-8080
    http:// **www** .intertech.com

IntraNet Solutions Inc.   General document management
9625 W. 76th St.
Eden Prairie, Minn. 55344
612-903-2000
http:// **www** .intranetsol.com

Keyfile Corp.   Document management and workflo
w
22 Cotton Road
Nashua, N.H. 03063
603-883-3800
http:// **www** .keyfile.com
Kofax Image Products Inc.   Optical storage management
3 Jennifer St.
Irvine, Calif. 92718
949-727-1733
http:// **www** .kofax.com
Lava Systems Inc.   Document and image management,
                                                         workflow management
2300 Bloor St. W.
Toronto, Ont, Can. M8X 271
416-236-5282
http:// **www** .lavasys.com
Lotus Development Corp.   General document management
55 Cambridge Parkway.
Cambridge, Mass. 02142
617-577-8500
http:// **www** .lotus.com

MacroSoft Ltd.   Enterprise document management
2523 Product Court
Rochester Hills, Mich. 48309
248-853-5353
http:// **www** .macrosoft.com
Mosaix Inc.   Workflow management
1101 Marina Village Parkway
Alameda, Calif. 94501
510-337-2000
http:// **www** .mosaix.com
 Net -It Software Corp.   **Web** publishing,
Intranet document
                                                         sharing
1550 Bryant St.
San Francisco, Calif. 94103
415-551-0600
http:// **www** .netit.com
NetRight Technologies Inc.   General document management
470 Mercury Drive
Sunnyvale, Calif. 94086
408-523-4005
http:// **www** .netright.com

Novasoft Systems Inc.   Enterprise document management
10 Burlington Mall Road
Burlington, Mass. 01803
781-685-1533
http:// **www** .netright.com

Novell Inc.   Document management and publishin
g
1555 N. Technology Way
Provo, Utah 84057
801-228-5020
http:// **www** .novell.com
Open Text Corp.   Enterprise document management
185 Columbia St. W.

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519-888-7111
http:// www .opentext.com
Open Text Corp.   General document management
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Dublin, Ohio 43016
614-761-8083
http:// www .opentext.com
Optika Imaging Systems Inc.   General document management
5755 Mark Debling Blvd.
Colorado Springs, Colo. 80919
719-548-9800
http:// www .optika.com

PC DOCS Inc.   Integrated enterprise document
           management
 25 Burlington Mill Road
 Burlington, Mass. 01803
 617-273-3800
 http:/ www .pcdocs.com

 Platinum Technology Inc. Enterprise document management
 1815 S. Meyers Road
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 630-620-5000
 http:// www .platinum.com
 Plumtree Software Inc.   **Intranet**
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 235 Pine St.
 San Francisco, Calif. 94104
 415-263-8900
 http:// www .plumtreesoft.com
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 1151A Seven Locks Road
 Potomac, Md. 20854
 301-315-0240
 http:// www .pwrscan.com
 Radian Systems Inc.   Image management
 5845 Richmond Highway
 Alexandria, Va. 22303
 703-317-2000
 http:// www .radsys.com
 Samson Information Technologies LLC Image management
 220 E. 42nd St
 New York, N...

...Accusoft Corp.   Open Systems
 2 Westborough Business Park
 Westborough, Mass. 01581
 508-898-2770
 http:// www .accusoft.com
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 9339 Carroll Park Drive
 San Diego, Calif. 92121
 619-629-300
 http:// www .altris.com
 Cardiff Software Inc.   Win9X, NT
 1782 La Costa Meadows Dr.
 San Marcos, Calif. 92069
 760-752-5200
 hftp:// www .cardiffsw.com

Computhink Inc.   Win9X, NT, NT SErver, NetWare 4x,
           NetWare 3.12
 860 Parkview Blvd.
 Lombard, lll. 60148

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630-705-9050
http:// www .computhink.com
Diamond Head Software Inc.               Win9x, NT
1217 Digital Drive
Richardson, Texas 75081
972-479-9205
http:// www .dhs.com


Document Sciences Corp.               NT, Unix, various mainframe Oses
6333 Greenwich Drive
San Diego, Calif. 92122
619-625-2000
http:// www .docscience.com
Documentum Inc.                         Open Systems
5671 Gibraltar Drive
Pleasanton, Calif. 94588
510-463-6300
http:// www .documentum.com
Eastman Software Inc.                   Win9x, NT
600 Technology Drive
Billerica, Mass. 01821
978-967-8000
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FileNet Corp.                           NT
3565 Harbor Blvd.
Costa Mesa, Calif. 92626
714-966-3400
http:// www .filenet.com
Framework Technologies Corp.            NT
23 Third Ave.
Burlington, Mass. 01803
781-270-6554...


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4200 Parliament Ave.
Lanham, Md. 20706
301-731-2300
http:// www .g1.com
Intertech Information Management Inc.   NT
400 Perimeter Center Terrace
Atlanta, Ga. 30346
770-804-8080
http:// www .intertech.com
 IntraNet Solutions Inc.               NT
9625 W. 76th St.
Eden Prairie, Minn. 55344
612-903-2000
http:// www .intranetsol.com
Keyfile Corp.                           Win9x, NT
22 Cotton Road
Nashua, N.H. 03063
603-883-3800
http:// www .keyfile.com
Kofax Image Products Inc.               NT
3 Jennifer St.
Irvine, Calif. 92718
949-727-1733
http:// www .kofax.com
Lava Systems Inc.                       Win9x, NT
2300 Bloor St. W.
Toronto, Ont, Can. M8X 271
416-236- 5282
http:// www .lavasys.com
Lotus Development Corp.                 NT
55 Cambridge Parkway.
Cambridge, Mass. 02142
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617-577-8500
http:// www .lotus.com
MacroSoft Ltd.                                          NT
2523 Product Court
Rochester Hills, Mich. 48309
248-853-5353
http:// www .macrosoft.com
Mosaix Inc.                                            NT
1101 Marina Village Parkway
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510-337-2000
http:// www .mosaix.com
 Net -It Software Corp.                            Win9x, NT
1550 Bryant St.
San Francisco, Calif. 94103
415-551-0600
http:// www .netit.com
NetRight Technologies Inc.                    Wln9x, NT
470 Mercury Drive
Sunnyvale, Calif. 94086
408-523-4005
http:// www .netright.com
Novasoft Systems Inc.                  Win9x, NT, HP-UX, Solaris
10 Burlington Mall Road
Burlington, Mass. 01803
781-685-1533
http:// www .netright.com
Novell Inc.                                       NetWare
1555 N. Technology Way
Provo, Utah 84057
801-228-5020
http:// www .novell.com
Open Text Corp.                        Win9x, NT, HP-UX, Solaris
185 Columbia St. W.
Waterloo, Ont., Can. N2L 5Z5
519-888-7111
http:// www .opentext.com
Open Text Corp.                                        NT
6600 Frantz Road
Dublin, Ohio 43016
614-761-8083
http:// www .opentext.com
Optika Imaging Systems Inc.                     Win9x, NT
5755 Mark Debling Blvd.
Colorado Springs, Colo. 80919
719-548-9800
http:// www .optika.com
PC DOCS Inc.                                           NT
25 Burlington Mill Road
Burlington, Mass. 01803
617-273-3800
http:/ www .pcdocs.com


Platinum Technology Inc.        Win9x, NT, HP-UX, Solaris, IBM AIX
1815 S. Meyers Road
Oakbrook Terrace, Ill. 60181
630-620-5000
http:// www .platinum.com
Plumtree Software Inc.                                 NT
235 Pine St.
San Francisco, Calif. 94104
415-263-8900
http:// www .plumtreesoft.com
PowerScan Inc.                                  Win9x, NT
1151A Seven Locks Road
```

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Potomac, Md. 20854
301-315-0240
http:// www .pwrscan.com
Radian Systems Inc.                          NT
5845 Richmond Highway
Alexandria, Va. 22303
703-317-2000
http:// www .radsys.com
Samson Information Technologies LLC     Win9x, NT
220 E. 42nd St
New York, N.Y. 10017
212-616-8600
http://wwwsamsoninfotech.com


Vendor                                   Design
Accusoft Corp.                             Web -based clients
2 Westborough Business Park
Westborough, Mass. 01581
508-898-2770
http:// www .accusoft.com
Altris Software Inc.                     Client-server
9339 Carroll Park Drive
San Diego, Calif. 92121
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http:// www .altris.com
Cardiff Software Inc.                    Client with  Internet
 module
1782 La Costa Meadows Dr.
San Marcos, Calif. 92069
760-752-5200
hftp:// www .cardiffsw.com
Computhink Inc.                          Client-server,  Web
-based clients
860 Parkview Blvd.
Lombard, lll. 60148
630-705-9050
http:// www .computhink.com
Diamond Head Software Inc.               Application  development tools
1217  Digital  Drive
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972-479-9205
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Document Sciences Corp.                  Client-server
6333 Greenwich Drive
San Diego, Calif. 92122
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http:// www .docscience.com
Documentum Inc.                          Web -based clients
5671 Gibraltar Drive                         clients
Pleasanton, Calif. 94588
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http:// www .documentum.com
Eastman Software Inc.                    Client-server
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978-967-8000
hltp.// www .eastmansoftware.com
FileNet Corp.                            Client-server,  Web
-based clients
3565 Harbor Blvd.
Costa Mesa, Calif. 92626
714-966-3400
http:// www .filenet.com
Framework Technologies Corp.             Client-server,  Web
-based clients
23 Third Ave.
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Burlington, Mass. 01803
781-270-6554
http://wwwframetech.com
Group 1 Software Inc.   Client-server
4200 Parliament Ave.
Lanham, Md. 20706
301-731-2300
http:// **www** .g1.com
Intertech Information Management Inc. Client-server
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http:// **www** .intranetsol.com
Keyfile Corp.   Client-server, **Web**
-based, clients
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603-883-3800
http:// **www** .keyfile.com
Kofax Image Products Inc.   Client-server
3 Jennifer St.
Irvine, Calif. 92718
949-727-1733
http:// **www** .kofax.com
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Toronto, Ont, Can. M8X 271
416-236-5282
http:// **www** .lavasys.com
Lotus Development Corp.   **Web** -based clients
55 Cambridge Parkway.
Cambridge, Mass. 02142
617-577-8500
http:// **www** .lotus.com
MacroSoft Ltd.   Client-server, **Web**
-based clients
2523 Product Court
Rochester Hills, Mich. 48309
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http:// **www** .macrosoft.com
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-based clients
1101 Marina Village Parkway
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http:// **www** .mosaix.com
   Net -It Software Corp.   **Web** -based clients
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San Francisco, Calif. 94103
415-551-0600
http:// **www** .netit.com
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-based clients
470 Mercury Drive
Sunnyvale, Calif. 94086
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http:// **www** .netright.com
Novasoft Systems Inc.   Client-server, **Web**
-based clients
10 Burlington Mall Road

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-based clients
1555 N. Technology Way
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801-228-5020
http:// **www** .novell.com
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-based clients
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Waterloo, Ont., Can. N2L 5Z5
519-888-7111
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-based clients
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Burlington, Mass. 01803
617-273-3800
http:/ **www** .pcdocs.com

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-based clients
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630-620-5000
http:// **www** .platinum.com
Plumtree Software Inc.   Client-server, **Web**
-based clients
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415-263-8900
http:// **www** .plumtreesoft.com
PowerScan Inc.   Client-server
1151A Seven Locks Road
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Radian Systems Inc.   Client-server
5845 Richmond Highway
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http:// **www** .radsys.com
Samson Information Technologies LLC   Client-server
220 E. 42nd St
New York, N...

...Business Park   Integrates into existing document
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http:// **www** .accusoft. ...
9339 Carroll Park Drive   sites and apps
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    1782 La Costa Meadows Dr.
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    hftp:// **www** .cardiffsw.com

Develops TIFF graphical images
   from **electronic**

th em to document management
    or imaging systems for data
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    630-705-9050
    http:// **www** .computhink.com

Has document imaging, distribution,
   editing and priting...

   RAID devices and Zip, Jaz and
    oiptical drives

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ion
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Drive
    Richardson, Texas 75081

Does scan, display, print, recognit

and forms processing for integrating
   core imaging and workflow

972-479-9205
    http:// **www** .dhs.com
    Document Sciences Corp.
    6333 Greenwich...

technologies with third-party
    document management systems
   Does design and production; has

...San Diego, Calif. 92122
    619-625-2000
    http:// **www** .docscience.com
    Documentum Inc.
 clients, image and
    5671 Gibraltar Drive
    Pleasanton, Calif. 94588
    510-463-6300
    http:// **www** .documentum.com

cycles for creating and formatting
   complex documents

   Supports **Web**

    document viewing, worktlow,
annotation, image enhancement
   and OCR

Eastman Software Inc.
    600 Technology Drive

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    978-967-8000
    hltp.// **www** .eastmansoftware.com

Works with Microsoft Exchange
   to create managed documnts,

   which are stored as Exchange
   messages

FileNet Corp.
    3565 Harbor Blvd.
    Costa Mesa, Calif. 92626
    714-966-3400
    http:// **www** .filenet.com

Allows document access from any
 PC and enables document-
centric workflow processes

Framework Technologies Corp.
    23 Third Ave.
, has viewing tool for reading
    Burlington, Mass. 01803
    781-270-6554
    http://wwwframetech.com

Automates file publishing to the
   Web

220 file types, uses Microsoft
   Sitebuilder for searches and
standard **Web** browsers

Group 1 Software Inc.
    4200 Parliament Ave.

...Md. 20706

301-731-2300
    http:// **www** .g1.com
    Intertech Information Management Inc.
    400 Perimeter Center Terrace

Handles high-volume, high-speed
   printing at...

statements, creates documents

directly Doc 1 or imports them
   as. RTF friles
Lets users view and annotate
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770-804-8080
http:// **www** .intertech.com
 IntraNet Solutions Inc.
9625 W. 76th St.
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http:// **www** .intranetsol.com
Keyfile Corp.
-based documents,

Manages collections of shared documents on **Web** sites or intranets

22 Cotton Road
Nashua, N.H. 03063

Tracks **Web**

603-883-3800
http:// **www** .keyfile.com
 all file types
Kofax Image Products Inc.
3 Jennifer St.

automates workflow processes, does version control, has some

security features, works with **virtually**

...any optical jukebox look like a

Integrates imaging and workflow apps...

949-727-1733
http:// **www** .kofax.com
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standard magnetic drive on the network
Lets any host app running in a

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http:// **www** .lavasys.com
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55 Cambridge Parkway.

to and from third-party document management systems

...Cambridge, Mass. 02142

Works with Lotus Domino and Notes, supports...

617-577-8500
http:// **www**
.lotus.com

has built-in workflow,

archiving, imaging client, scan-

ner support and customizable

MacroSoft Ltd.

extensions for third-party support
Enables global...

...Rochester Hills, Mich. 48309

management, has COLD

248-853-5353
http:// **www** .macrosoft.com

components and imaging support

Mosaix Inc.

Has computer telephony features

1101 Marina Village Parkway

for linking call flows to document

Alameda, Calif. 94501
510-337-2000
http:// **www** .mosaix.com
 Net -It Software Corp.
 publishing and **intranet**

intensive back-office procedures

Does **Web**

1550 Bryant St.

document sharing with or without a

San Francisco, Calif. 94103
415-551-0600
http:// **www** .netit.com

third-party document management system

NetRight Technologies Inc.
470 Mercury Drive

Has three-tier architecture that supports Windows clients and

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http:// **www** .netright.com
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http:// **www** .netright.com

Novell Inc.
1555 N. Technology Way
Provo, Utah 84057
or
801-228-5020
http:// **www** .novell.com
Open Text Corp.
185 Columbia St. W.
Waterloo, Ont., Can. N2L 5Z5
519-888-7111
http:// **www** .opentext.com
Open Text Corp.
6600 Frantz Road
Dublin, Ohio 43016
614-761-8083
http:// **www** .opentext.com
Optika Imaging Systems Inc.
5755 Mark Debling Blvd.
Colorado Springs, Colo. 80919
719-548-9800
http:// **www** .optika.com

PC DOCS Inc.
25 Burlington Mill Road...

...0 thin-client component, DOCS

617-273-3800
http:/ **www** .pcdocs.com

...content usage and
Oakbrook Terrace, Ill. 60181
630-620-5000
http:// **www** .platinum.com
Plumtree Software Inc.
235 Pine St.
San Francisco, Calif. 94104
document
415-263-8900
http:// **www** .plumtreesoft.com
PowerScan Inc.
1151A Seven Locks Road

...Potomac, Md. 20854
301-315-0240
http:// **www** .pwrscan.com
Radian Systems Inc.

5845 Richmond Highway

Alexandria, Va. 22303
703-317-2000
Science scanners

Java-enabled **Web** browsers

Does document and workflow
management with JavaBean
component architecture, **Web**

content management, applications
develosplit and visual
component assembly

Works with Novell GroupWise to
render documents into HTML
format for publishing to **Web**

intranets

Handles workflow and project
collaboration, has integrated
search engines

Lets users search, display,
navigate and manage large,
complex document collections

Includes document management,
image management and COLD
components

Works with CyberDOCS 2.5 browser

imaging 3.7 for scanner support,
DOCS Binder 1.0 compound
document manager and
DOCSOpen 3.7.2 core...

distribution; has testing
components

Manages data from e-mail,
databases and **Web** pages;
emphasizes **intranet**

management

Does image management with
visual quality control...

handles reporting and workflow,
links with party document
management systems
Has image enhancement quality

control, indexing, rework, OCR

and image export capabilites for
Kodak **Digital**

```
http:// www .radsys.com
Samson   ...Corp.                                    $5,000 up
2 Westborough Business Park
Westborough, Mass. 01581
508-898-2770
http:// www .accusoft.com
Altris Software Inc.                       $16,000 to $24,000
9339 Carroll Park Drive
San Diego, Calif. 92121
619-629-300
http:// www .altris.com                     $1,495 to $4,995
Cardiff Software Inc.
1782 La Costa Meadows Dr.
San Marcos, Calif. 92069
760-752-5200
hftp:// www .cardiffsw.com                  $70 1 user $2,500
Computhink Inc.                             5-user network
860 Parkview Blvd.
Lombard, lll. 60148
630-705-9050
http:// www .computhink.com                 $1,750
Diamond Head Software Inc.
1217 Digital  Drive
Richardson, Texas 75081
972-479-9205
http:// www .dhs.com
Document Sciences Corp.                  $50,000 to $100,000
6333 Greenwich Drive
San Diego, Calif. 92122                   $100,013
619-625-2000
http:// www .docscience.com
Documentum Inc.                           $200 to $600 per seat
5671 Gibraltar Drive
Pleasanton, Calif. 94588
510-463-6300
http:// www .documentum.com
Eastman Software Inc.                         $149 per seat
600 Technology Drive
Billerica, Mass. 01821
978-967-8000
hltp.// www .eastmansoftware.com
FileNet Corp.                             $300 to $800 per seat
3565 Harbor Blvd.
Costa Mesa, Calif. 92626
714-966-3400
http:// www .filenet.com
Framework Technologies Corp.               $9,995
23 Third Ave.
Burlington, Mass. 01803
781-270...
...Inc.                       $95,000 up
4200 Parliament Ave.                          up
Lanham, Md. 20706
301-731-2300
http:// www .g1.com
Intertech Information Management Inc. $210 to $600 per seat
400 Perimeter Center Terrace
Atlanta, Ga. 30346
770-804-8080
http:// www .intertech.com
 IntraNet  Solutions Inc.               $17,995 per server
9625 W. 76th St.
Eden Prairie, Minn. 55344
612-903-2000
http:// www .intranetsol.com
Keyfile Corp.                            $7,995 per server,
```

EKD   March 13, 2003

22 Cotton Road $795 per client
Nashua, N.H. 03063
603-883-3800
http:// **www** .keyfile.com
Kofax Image Products Inc. $2,995 to $19,995
3 Jennifer St.
Irvine, Calif. 92718
949-727-1733
http:// **www** .kofax.com
Lava Systems Inc. $130,000
2300 Bloor St. W.
Toronto, Ont, Can. M8X 271
416-236-5282
http:// **www** .lavasys.com
Lotus Development Corp. $9,500 per server,
55 Cambridge Parkway. $19 per client
Cambridge, Mass. 02142
617-577-8500
http:// **www** .lotus.com
MacroSoft Ltd. $17,990 up
2523 Product Court
Rochester Hills, Mich. 48309
248-853-5353
http:// **www** .macrosoft.com
Mosaix Inc. $125,000
1101 Marina Village Parkway
Alameda, Calif. 94501
510-337-2000
http:// **www** .mosaix.com
 Net -It Software Corp. $6,995 to $9,995
1550 Bryant St.
San Francisco, Calif. 94103
415-551-0600
http:// **www** .netit.com
NetRight Technologies Inc. $6,900 per server,
470 Mercury Drive $469 per client
Sunnyvale, Calif. 94086
408-523-4005
http:// **www** .netright.com
Novasoft Systems Inc. $100 to $800
10 Burlington Mall Road   per seat
Burlington, Mass. 01803
781-685-1533
http:// **www** .netright.com
Novell Inc. $2,495
1555 N. Technology Way
Provo, Utah 84057
801-228-5020
http:// **www** .novell.com
Open Text Corp. $75,000 per server,
185 Columbia St. W. $97 per client
Waterloo, Ont., Can. N2L 5Z5
519-888-7111
http:// **www** .opentext.com
Open Text Corp. $25,000 up
6600 Frantz Road
Dublin, Ohio 43016
614-761-8083
http:// **www** .opentext.com
Optika Imaging Systems Inc. $150 up per seat
5755 Mark Debling Blvd.
Colorado Springs, Colo. 80919
719-548-9800
http:// **www** .optika.com
PC DOCS Inc. $28,000 up
25 Burlington Mill Road

                    EKD   March 13, 2003

Burlington, Mass. 01803
617-273-3800
http:/ **www** .pcdocs.com

Platinum Technology Inc. $24,000 up
1815 S. Meyers Road
Oakbrook Terrace, Ill. 60181
630-620-5000
http:// **www** .platinum.com
Plumtree Software ·Inc. $50,000
235 Pine St.
San Francisco, Calif. 94104
415-263-8900
http:// **www** .plumtreesoft.com
PowerScan Inc. $5,000
1151A Seven Locks Road
Potomac, Md. 20854
301-315-0240
http:// **www** .pwrscan.com
Radian Systems Inc. $40,000
5845 Richmond Highway
Alexandria, Va. 22303
703-317-2000
http:// **www** .radsys.com
Samson Information Technologies LLC $1,295 per seat
220 E. 42nd St
New...
...SemioMap 2.0
1730 S. Amphlett Blvd.
San Mateo, Calif, 94402
650-638-3330
htt:// **www** .semico.com

Tower Software Corp.   Tower Records and Information
                                       Management (TRIM) 4.2

10680 Main St.
Fairfax, Va. 22036
703-359-4343
http:// **www** .ustrim.com
Treev Inc.   TREEV 1.0
500 Huntmar Park Drive
Herndon, Va. 20170
703-478-2260
http:// **www** .treev.com
Tivoli Systems Inc.   TME 10
9442 Capital of Texas, Highway N.   Output
Austin:...

...TMSSequoia Inc.   FormFix 2.7
206W. Sixth St.
Stiliwater, Okla. 74074
405-377-0880
http:// **www** .tmssequoia.com
Universal Systems Inc.   ePOWER 1.0
14585 Avion Parkway
Chantilly, Va. 20151
800-874-2344
http:// **www** .usiva.com

Westbrook Technologies Inc.   Fortis 1.5
22 Summit Place
Branford, Conn. 06405
203-483-6666
http:// **www** .filemagic.com
Xerox Corp.   DocuShare
295 Woodcliff Drive   1.5

                    EKD   March 13, 2003

Fairport, N.Y. 14450
716-383-7948
http:// **www** .xerox.com

Semico Corp.   **Intranet**   text mining
1730 S. Amphlett Blvd.
San Mateo, Calif, 94402
650-638-3330
htt:// **www** .semico.com

Tower Software Corp.   Document management and records archi
ving
   10680 Main St.
   Fairfax, Va. 22036
   703-359-4343   series tracks fokfers registers
   http:// **www** .ustrim.com   and tracks archive bexes,

Treev Inc.   Integrated enterprise document manageme
nt
   500 Huntmar Park Drive
   Herndon, Va. 20170
   703-478-2260
   http:// **www** .treev.com
   Tivoli Systems Inc.   Document output management
   9442 Capital of Texas, Highway N.
   Austin...
...com
   TMSSequoia Inc.   Forms management
   206W. Sixth St.
   Stiliwater, Okla. 74074
   405-377-0880
   http:// **www** .tmssequoia.com
   Universal Systems Inc.   Document
   14585 Avion Parkway   manageme
   Chantilly, Va. 20151   and work
   800-874-2344   process
   http:// **www** .usiva.com   management

   Wesibrook Technologies Inc.   Enterprise
   22 Summit Place   document
   Branford, Conn. 06405   management
   203-483-6666
   http:// **www** .filemagic.com
   Xerox Corp.   Document
   295 Woodcliff Drive   management
   Fairport, N.Y. 14450   and
   716-383-7948   publishing
   http:// **www** .xerox.com

Semico Corp.   NT, Solaries, Unix Client-server,
Web -based
   1730 S. Amphlett Blvd.   clients
   San Mateo, Calif, 94402
   650-638-3330
   htt:// **www** .semico.com

Tower Software Corp.   Win9x, NT   Client-server
   10680 Main St.
   Fairfax, Va. 22036
   703-359-4343
   http:// **www** .ustrim.com

Treev Inc.   NT, Unix   Client-server,
   500 Huntmar Park Drive   **Web** -based
   Herndon, Va. 20170   clients

703-478-2260
http:// **www** .treev.com

Tivoli Systems Inc.   NT, Unix   Client-server,
    9442 Capital of Texas, Highway N.   **Web**
-based clients
    Austin, Texas 78759
    512-436-8000
    http:// tivoli.com
    TMSSequoia Inc.   Win9x, NT, Unix   Client-server
    206W. Sixth St.
    Stiliwater, Okla. 74074
    405-377-0880
    http:// **www** .tmssequoia.com

Universal Systems Inc.   Win9x, NT,   Client-serve
r,
    14585 Avion Parkway   Mac DS,   **Web** -based
    Chantilly, Va. 20151   Unix   clients
    800-874-2344
    http:// **www** .usiva.com

Wesibrook Technologies Inc.   Win9x, NT   Client-server,
    22 Summit Place   **Web** -based
    Branford, Conn. 06405   clients
    203-483-6666
    http:// **www** .filemagic.com

Xerox Corp.   Win9x, NT,   Client-server,
    295 Woodcliff Drive   Solaris,   **Web** -based
    Fairport, N.Y. 14450   Unix   clients
    716-383-7948
    http:// **www** .xerox.com

Semico Corp.   Automatically identifies groups $5,0
00
    1730 S. Amphlett Blvd.   and maps...

...up
    San Mateo, Calif, 94402   large quantities of unstructured
    650-638-3330   textual data
    htt:// **www** .semico.com

Tower Software Corp.   Handles record-keeping for
$6,300
    10680 Main St.   registering...
...up
    Fairfax, Va. 22036   documents, manages multiple file
    703-359-4343   series, tracks folders,
    http:// **www** .ustrim.com   registers and tracks archive
     boxes, manages user profiles
    Treev Inc.   Has DocuTreev Imaging...

...up
    Herndon, Va. 20170   Treev worldlow component and
    703-478-2260   Omni-Treev document
    http:// **www** .treev.com   management component

Tivoli Systems Inc.   Works with Tlvoli's IME 10 $
11,500...

...TCR features $3,750
    206W. Sixth St.   up
    Stiliwater, Okla. 74074

405-377-0880
http:// **www** .tmssequoia.com

Universal Systems Inc.   Is DISA-certified, works with $2
0,000
    14585 Avion Parkway...

...20151   and Accelerator workflow   server

800-874-2344   components, PC DOCS' DOCs $
1,500
    http:// **www**
.usiva.com   Open and Provenance's ForeMost   per 500

                for complete access to   clients
                document repositories via client
                Web browsers or network servers

Wesibrook Technologies Inc.   Is scalable
$2,995
    22 Summit Place
    Branford, Conn. 06405   up
    203-483-6666
    http:// **www** .filemagic.com

Xerox Corp.   Posts and manages collections of $695
    295 Woodcliff Drive   information on...

...Y. 14450   customizable attributes; does $995 per

716-383-7948   automatic HTML conversions,
  server
    http:// **www** .xerox.com   security, reporting and
                document tracking

6/3,K/7   **(Item 3 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02213450   SUPPLIER NUMBER: 21081864   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Knowledge is power.(knowledge management) (Industry Trend or Event)
Bicknell, David
Computer Weekly, p18(1)
August 20, 1998
ISSN: 0010-4787   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 2099   LINE COUNT: 00178

...   combine both internal material with suggestions from outside."
    One of Testa's problems in facilitating **knowledge   management
within** Fiat is the problem that old work practices are difficult to
eradicate. Testa wants to...

...challenge-oriented and innovative minds in a company to capture it. The
problem is implementing **knowledge   management   within** an organisation,
and targeting it to give real business benefits.
    According to Andy Michuda, chief...failing at knowledge management as
succeeding". In many cases, companies have had problems because their
knowledge   management efforts aren't **integrated** with critical business
processes.
    Other reasons include:
    * Losing sight of the business reasons for adopting...

...management application. Not all users are technology literate - they may
not want to use the **Web** or **intranet** . It may be easier just to pick up
the telephone and talk to someone.

                        EKD   March 13, 2003

```
                * Needless...

    ...in Grenoble, France.
        The concept behind Knowledge Broker is that pertinent information
    gathering on the  Internet  and intranets is complex and time-consuming.
    What is needed to make the user's...

    ...of information and knowledge out of raw data.
        According to Xerox knowledge brokers are essentially " software
    agents that can  query  multiple databases, re-construct information and
    generate customised reports, all transparently to the user".
        Xerox...

    ...be used to solve information retrieval problems in any area, including
    search engines on the  Internet , where agents will ultimately be able to
    discover each other and share information. Its real...
    ...to ease the management of multilingual documents
            * abolition of cross-lingual and cross-cultural barriers
            *  digital  libraries
            * tools to create and use knowledge
            * studies of work practices
            * technologies to support distributed, mobile teams
            Sites to visit
             www .teltech.com
             www .business-intelligence.co.uk
             www .xrce.xerox. com
             www .dataware.com
             www .fulcrum.com
             www .agentware.com


     6/3,K/8      (Item 4 from file: 275)
    DIALOG(R)File 275:Gale Group Computer DB(TM)
    (c) 2003 The Gale Group. All rts. reserv.


    02201895     SUPPLIER NUMBER: 20945082     (USE FORMAT 7 OR 9 FOR FULL TEXT)
    Tandem: At the Heart of DSS Success.(the NonStop series of decision support
       systems from Compaq's Tandem Div) (Product Information)
    DBMS, v11, n9, p4(1)
    August, 1998
    ISSN: 1041-5173     LANGUAGE: English     RECORD TYPE: Fulltext
    WORD COUNT:    2599    LINE COUNT:  00219

    TEXT:
        ...packaged applications and integrated solutions; from pure Decision
    Support applications to Operational Data Stores with  online  updates of
    your Decision Support system. The platforms for these solutions range from
    massively parallel...
    ...        and on.
        The Compaq approach is to enable end-to-end DSS solutions that
    encompass  virtually  any popular database management system. In the tiered
    architectures that characterize so many of today...

    ...data store applications, especially those that are query-intensive, yet
    also update your data store  online . Compaq offers a unique mix of
    technologies for these kinds of Decision Support applications.
        Cross...business users through its Object Relational Data Mining
    technology. With this technology, primitive operations for  data   mining
    and  knowledge   discovery  are tightly  integrated  into the NonStop SQL
    database engine. This enables the data mining application to sift through
    ...

    ...be mined, and results are often more complete because valuable
    information is not left behind.
         Web -Enabled DSS
        DSS applications are now being deployed over intranets and the
```

Internet , extending the client/server paradigm into a browser/server
paradigm to provide broad-based, low-cost information access to employees,
customers, and suppliers.

Compaq is also integrating **Web** access capabilities into its various
solutions packages for vertical industry applications to let users evoke
queries using browser **software** . This enables, for example,
telecommunications companies to provide customer access to call records for
cost...

...This data was then placed on the Windows NT Server platform running
NonStop SQL with **integrated** Object Relational **Data Mining**
capabilities. Using a combination of data mining tools, with certain
operations taking place within the...parallel Himalaya(r) servers.

In Europe, a major retailer of home improvement products needed a **Web**
-based data warehouse for marketing and inventory management. Fierce
competition was prompting this company to...

...a group. The demanding criteria for the new system included the ability
to perform both **online** transaction processing and DSS queries at the same
time. The system also had to be...

...ABSTRACT: so parallel processing is vital to successful data mining.
Effective systems and network design for **data mining** include careful
integration of storage and processing systems, understanding the data
mining tools market, and assessing the needs...
...   solutions"
Even if they're not yet interested in discovery-based data mining
solutions, many **LAN** users do want to mine their data to find the
information nugget with maximum bottomline...

...mining-style products and solutions. Before searching the product
shelves for data mining offerings, however, **LAN** managers need to consider
their hardware platform and their network design.
DESIGN TO MINE
A...

...allows users to generate requests from a workstation; the requests are
then sent across the **LAN** (usually in some form of SQL query) to a
superserver, which performs the analysis and...

...marts. Breaking up the data in this way can improve data mining
performance and allow **LAN** managers to supply the repository with the
information needed by specific applications. A field that...

...for Sun Microsystems (Mountain View, CA),"There is no reason why users
of a small **LAN** couldn't go after all of the data as needed"
According to Simoudis, IBM's...
...server working through the actual mining process and producing smallish
data sets will keep your **LAN** traffic reduced to relatively small and
infrequent messages and allow your desktop and local server data mining
performance, **LAN** managers must also consider other issues regarding the

management of the congestion that such a...

...not only scalability but more efficient processing. IBM's SP2 machine, also known as the " **LAN** in a can" uses multiple modular RISC processors connected by a high-speed bridge to...

...of storage solutions, centralized or distributed, can be prohibitive for some organizations. Extremely cost-conscious **LAN** managers can be scared away by the price tags affixed to the ability to keep...

...Teradata system five years ago is now increasingly being run on Hewlett-Packard, Sun Solaris, **Digital** Alphas, and Silicon Graphics (workstations)," Love says.
    PICKS AND SHOVELS
    The spectacular growth in the...

...group tools is in three categories:
    * Tools that provide database access (typically by using a **GUI** on a SQL **query** structure)
    * Tools that produce data reports that can formulate more detailed questions and can "drill...

...pharmaceutical, and wireless industries. The new products, scheduled for release this summer, are intended to **integrate** leading-edge **data mining** capabilities with large-scale data stores, says Paul Buta, product manager for marketing intelligence at...furious."We are seeing a considerable amount of sophistication among tool suppliers in dealing with **LAN** traffic," says Moran of the Aberdeen Group. "They are learning to build the appropriate multiple...

...of users banging away, you must be aware of how things are routed around the **LAN** ," he says.
    With so much change in the data mining tools market, how can a...

...trapped by tools that are unable to grow with the site's data mining needs.
    LAN managers who are selecting data mining tools should also consider the needs-- perceived or otherwise...

...get enough," she says. Faced with the possible "addiction" of network users, how can a **LAN** manager accurately plan for the growth of a site's data mining applications?
    "Assume that...

...at ceilings, not at floors"
    When first considering the addition of data mining capabilities, most **LAN** managers express an interest in putting historical operational data on4ine. Such data volumes can be...

...be superfluous to the actual data mining application?
    Without fail, data mining experts advise at **LAN** managers to perform a data modeling exercise before diving in head first. The data modeling...

...planned. Rather than throwing 500GB of data into a warehouse and hoping to mine it, **LAN** managers should hire an experienced consultant to help create a pilot that is one-tenth...a technical journalist who specializes in information systems topics. She can be reached via the **Internet** at 5309513@mcimail.com.

 6/3,K/10   (Item 6 from file: 275)
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01833060   SUPPLIER NUMBER: 17296091   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The truth about OLAP. (online analytical processing) (includes a related

article on relational databases and multidimensional modeling, and a
table on OLAP products)(Cover Story)
Frank, Maurice
DBMS, v8, n9, p40(6)
August, 1995
DOCUMENT TYPE: Cover Story   ISSN: 1041-5173   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4453   LINE COUNT: 00390

The truth about OLAP. (online **analytical processing) (includes a related
article on relational databases and multidimensional modeling, and a
table...**

ABSTRACT: **Online** analytical processing (OLAP), generically known as
multidimensional database analysis, has become a popular industry buzzword
...
...   If so, you won't be able to avoid a relatively new acronym: OLAP,
or **online** analytical processing, In the tradition of a true buzzword, use
of the term OLAP has...

...pros and cons of each approach often lead to barroom brawls at
conferences and in **online** forums and vendor literature.
       There are several examples of stand-alone front-end query tools...
calculations. The engines receive requests from client tools (most vendors
provide both server and client **software**), translate the **request** into
one or more SQL queries, obtain the data from the RDBMS, perform the
multidimensional...think is important, and how it should be analyzed. I
suspect that vendors will eventually **incorporate** intelligent **data
mining** techniques into OLAP products. This will enable the analytical
engines to search for patterns and...is DBMS's technical editor, based in
Marietta, Georgia. You can reach him via the **Internet** at mfrank@mfi.com
or CompuServe at 72167,736.
       RELATIONAL DATABASES AND MULTIDIMENSIONAL MODELING
       Ever...be very difficult for a user to remember which tables to use
for a particular **query** . However, new **software** tools shield users from
having to know the physical data structures. These tools require a...

 6/3,K/11   (Item 7 from file: 275)
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01804827   SUPPLIER NUMBER: 17155740   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Tools and utilities.(1995 Database Buyer's Guide and client/server
sourcebook)(Buyers Guide)**
DBMS, v8, n6, p72(29)
May 15, 1995
DOCUMENT TYPE: Buyers Guide   ISSN: 1041-5173   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 45154   LINE COUNT: 03869

...   testing, which eliminates the risks associated with manual
multiuser application testing through centralized control of **online**
client applications in realistic multiuser sessions. A **virtual** -users
feature ends resource restrictions by replacing the test operators and
running independent test scripts...order in which items print. Can include
standard DataBoss help information. Can also create an **online** , searchable
manual. Builds text files that can be formatted with a word processor or
desktop...

...to a PC in .dbf, ASCII, or .wk1 formats. Multiple document interface,
icon toolbar and **online** help included. PC-Workbench version: $3500; **LAN**
version: $4500. Reader service #584.
       RFFLow 3
       RFF Electronics, Loveland, CO
       303-663-5767

A...and-click creation of test-plan trees. Task allocation and resource scheduling, test-execution management, **online** data analysis, concurrent test-cycle management, customizable-test repository, and bug tracking are additional benefits...

...tables from the resulting statistics. Supported on HP 9000/HP-UX, Sun Solaris, IBM AIX, **Digital** VAX, and Alpha running Open VMS. Reader service #595.

 Vermont NighTest 2.0

 Vermont Creative...For Turbo Pascal Windows and Borland C++. $199. Reader service #606.

 DECAdmire for Visual Basic

 Digital Equipment Corp., Littleton, MA

 800-344-4825

 A Windows-based development environment enabling the design...reusable procedures, pick lists, security, screen blanking, automatic record numbering, report management, printed manual, tutorials, **online** help, and sample applications. Extensive help files integrated with client/server help and end-user...

...using wIntegrate as a Windows-based Visual Basic DLL; enhanced networking support (including PicLan and **Digital** Pathworks); international language ...and team-wide levels; user passwords and permissions; and read-only and lockout modes. Offers **online** access to an integrated data-dictionary repository, rules, and extensive reporting. For forward-schema generation...Adabas/Predict to enable interoperability in a heterogeneous environment. SE/Repository is a multiuser IAN/ **WAN** -based repository server for SE. Designed to facilitate multiple workgroups, it provides concurrent access to...contain system-provided values such as date and time, and presentation information and microhelp for **online** display. Lets users define business rules, such as referential-integrity constraints and complex validation rules...PowerBuilder Interface, new Uniface bidirectional interface support, and enhancements to its repository customization capabilities. The **LAN** version lets multiple users on a Novell network access project information, which resides in the...

...compiling data from diverse sources into single or multiple databases: mainframe data, text-based reports, **Internet** information downloads, product listings, or phone-system logs. Handles data in columnar, record-per-page...

...formats, with output to native format files and appending to existing database and spreadsheet files. **Online** demo available on CompuServe (CompuServe: GO SPALDING, Lib 2, filename: diwtd.zip). Reader service #669 ...the target database and populates it with all or part of the source data. Allows **online** backup or duplication of database table and column schemas on active systems, and automates the...

...from development and quality control to production. Reader service #673.

 DEC Data Distributor 6.1

 Digital Equipment Corp., Nashua, NH

 603-884-7777; 800-344-4825

 Manages the automated distribution of...

...transfer through asynchronous dial-up to protocol converters, bisynchronous and SDLC emulators, coax boards, and **LAN** gateways all with complete data transmission integrity. Data and programs can be shared among PC...

...moving data from MVS sources -- DB2, IMS, VSAM, and sequential files -- to PC, Unix-, and **LAN** -based servers, including DB2/2, DB2/6000, Sybase and Microsoft SQL Server, and Oracle. Helps...Eventus Software Inc., San Bruno, CA

 415-871-0700; 800-871-4871

 A Windows-based **online** monitoring and diagnostics tool for Oracle databases. Monitors a remote Oracle database running on any platform using Oracle's SQL* **Net** as the communication link. Lets users monitor

information from a high level (such as user...

...software platforms, data compression, data encryption, dump stripping, complete backup automation, simplified recovery through an **online** backup history, media tracking, recovery verification, and integration with file-
...improving performance, and providing data security. Backups are automated with cold and full or partial **online** and off-line backups, archive log-backup management, export direct to tape, dynamic reconfiguration, **online** backup history, and a menu-driven configuration. Improves backup performance with parallel input and output...

...Windows, users achieve cooperative processing by down-loading the DB2 catalog on a workstation or **LAN** . DB-Delivery for Windows frees DBAs from constant reliance on a TSO interface to the...

...and Oracle7 under SPX and popular versions of TCP, and for DB2/2 under IBM **LAN** . Windows client software from database vender required for this Visual Basic tool. Includes a memory...
...modules also produce SQL-based statistics and size calculations. Database view manager also supports browsing. **GUI** -based ad hoc **query** translates query design into SQL, runs and prints queries, and views subsets of **query** . Includes a spreadsheet **GUI** for simple row inserts/updates/delete. Database drivers for Oracle 6 and 7 under SPX and popular versions of TCP, and DB2/2 under IBM **LAN** . Windows client software from database vendor required for this Visual Basic tool. Comes with memory ...

...a 16-bit application), and Windows NT (as a 16-bit application). Requires Oracle SQL* **Net** , $495 per workstation; multiple and site licenses are available. Reader service #714.
    DBProfiler SQL Inspector...occupancy, alerts when a dependent region is swapped out, IMS shutdown in progress, stopped OLDS, **online** change in progress, and so on. Resource and contention analysis. DB2 support includes thread creation/termination and syncpoint processing. **Online** and batch historical analysis, response times for transactions, and recommendations. OmegaCenter integration for a complete...

...security, including security management, user administration, systems monitoring/intrusion detection, user identification and authentication, secure **electronic** messaging, and automated-file migration. Has a cross-platform, client/server architecture made up of...

...databases. Requires Windows 3.0 or later. Prices range from $995 (one-user/two-server **LAN** pack) to $6995 (10-user/15-server **LAN** pack); $340 per server (25-100 servers) to $220 per server (755 or more servers... simultaneously. Requires Windows 3.0 or later. Prices range from $995 (one-user/two-server **LAN** Pack) to $5495 (five-user/15-server **LAN** Pack); $340 per server (25-100 servers) to $220 per server (755 or more servers... are set up, scheduled, and run logically and efficiently. Output is managed though features including **online** viewing, abort logic, distribution lists, and timed-output retention. Reader service #750.
    Tivoli Management Environment...

...manages and monitors Oracle databases. With its X Windows or character-based interface, it provides **online** monitoring, alerting, history storage, and reporting. Uses thresholds and alerts to ensure optimal performance and...444-4018; 800-962-8245
    Provides mainframe-class storage management options for NetWare environments. Provides **virtual** expansion of network storage, reducing storage costs on networks by as much as 40 percent...

...records to determine offsets, and lists the first 512 records containing bad bytes. Incorporates interactive **online** help. $59.95. Reader service #758.
    ShowBack
    Showpage Software Inc., Minneapolis, MN

612-595-9690...or multiuser engine supporting an unlimited number of concurrent users on any dedicated NetBIOS-compatible **LAN** . $595. Reader service #767.

Raima Database Manager
Raima Corp., Issaquah, WA
206-557-0200; 800...

...display ranked results lists and view documents with search-term highlighting. Includes debugging facilities, searchable **online** documentation, and **online** help. Incorporates two industry standards: Visual Basic and ODBC. Features include SearchServer API for Visual Basic, **online** documentation and viewer, and Visual Basic support libraries for SearchServer. Formats and displays query result...in a single window. Allows for import of TWAIN-compliant devices such as scanners and **digital** cameras directly into FoxPro for Windows. Additional features include Graphic Image Command Set for developers...

...DIB driver allows for calling of Windows GDI functions to draw to a bitmap. Includes **virtual** memory, which supports unlimited image sizes and number of loads. Reader service #779.

Sunshow Professional...

...can scale, flip, rotate, sharpen, and smooth images; adjust contrast, brightness, and gamma; and display **virtual** images with scrolling, zooming, and panning capabilities. Lets users add or display text with images...for Windows that lets users create commercial-quality documents and then convert them to Windows **online** help automatically. $349 Reader service #789.

Expert Help Hypertext System 3.0
E H SofSolutions...

...it is planned for Unix/Motif. Offered as an add-on to Bristol's HyperHelp **online** help products. The Unix version has identical functionality to the Windows version, letting authors create...

...the help system, run the Windows help compiler, and call Winhelp.exe. Converts manuals to **online** help. Supports multimedia elements such as sound clips (.way), Microsoft Video for Windows files (.avi...

...Reader service #793.

HyperHelp 4.0
Bristol Technology Inc., Ridgefield, CT
203-438-6969

An **online** help facility for Motif, OpenLook, and character-based applications. Lets users add context-sensitive help to their applications via an **online** function call. Help authors can create documents containing hyperlinks, pop-up definitions, graphics, keyword searching...extracting .zip files, a sample interface DLL for use from database languages, and hardcopy and **online** documentation. DynaZIP NT provides similar capability for 32-bit Windows NT programs. Designed for developers...

...mode. Other features include object-oriented data-entry and text-editor systems; 6.2MB of **online** documentation; Microsoft-compatible object file librarian; reference utility; symbol renamer; and deltafile batch program. Supports...as a Message-Management tool, query-by-example extensions, calendars, and calculators. Includes source code, **online** help, sample application, tutorial, and reference manual. No runtime royalties. Requires PowerBuilder. $395 per developer...of any DOS or host program without its consent and builds a Windows-version of **virtually** any DOS or host application by creating a front end using the Windows application of...or more applications work cooperatively toward a single task. Creates a client/server platform where **virtually** any type of application (DOS, Windows, and 16- and 32-bit) can be a client...Professional Publisher 3.5

InfoAccess Inc., Bellevue, WA
206-747-3203; 800-344-9737

An **electronic** publication development and distribution system that

includes a set of tools to manage high-volume...

...image handling, and custom-scripting options. Includes a bundled runtime license that lets users distribute **electronic** publications to an unlimited number of users without additional cost. Reader service #860.
Visual Forms...

...SQL, Oracle, Rdb, SQL/DS, Sybase, Teradata, and UniSQL. Connectivity support includes Contain Toolbox, Ingres/ **Net** , SQL* **Net** , Open Client, Teradata CLI, DAL, SequeLink, MDI Gateway, EDA/SQL, TCP/IP, and asynchronous. Reader...Standards Group Ltd., Boca Raton, FL
407-997-5880
A data communication tool, providing graphical **query** and **graphical display** . Includes integrated business charting and a report writer. Using a patented data selection process, it...

...Office Edition also supports ODBC data access. Personal Edition: $99; Office Edition: $319; five-user **LAN** Pack (Office Edition functionality): $895. Reader service #869.
dbQuick
Alpha Software Corp., Burlington, MA
617...under Windows; interfaces with dBASE, Paradox, DB2, Oracle, Sybase, SQL Server, SQLBase, and ASCII. $290; **LAN** version prices start at $690. Reader service #877.
IDEA PreView
IDEA Corp., Billerica, MA
508...

...interfaces with dBASE, Paradox, DB2, Oracle, Sybase, SQL Server, SQLBase, and ASCII. PC version: $1900; **LAN** version pricing is available. Reader service #879.
Impromptu
Cognos Inc., Ottawa, Ontario, CANADA
617-229...

...in version of the 32-bit Watcom SQL database engine. $249. Reader service #881.
Intelligent **Query**
IQ **Software** Corp., Norcross, GA
404-446-8880
A database-independent query and reporting tool that lets...systems, and help systems. Includes an example application, data dictionary, customizable vocabulary dictionary, rule-based **pattern - recognition** engine **embedded** in an ATN parser, complete linguistic disambiguation system, spelling checker, and SQL and generic ISAM...to convert queries and report formats between the mainframe and the PC, thus providing PC/ **LAN** users with mainframe data and vice versa. Automatically generates SQL, based on users' point-and...

...and editing tool for Sybase and Microsoft SQL Server databases. Employs a point-and-click **GUI** , simplifying the **query** process by letting users build multitable, multidatabase queries without coding complex SQL commands. Requires Windows 3.0 or later. Prices start at $195 (one-user **LAN** pack) to $1755 (15-user **LAN** pack); $80 per user (25-500 users) to $50 per user (510 and more users...tool for report development, testing, and training in a client/server environment, or as an **online** tool with XDB-Link for real-time production of queries and reports from mainframe DB2
...

...representative sample of the mainframe database may be downloaded to the DB2 Server on a **LAN** or to an individual PC. Report objects such as queries, report forms, and procedures are...
...mainframe to run against DB2 data. When configured with XDB-Link, it works as an **online** tool to access mainframe DB2 data directly from a PC, or it can store report...Designed to support both IS professionals and end users. Gives users access to data located **virtually** anywhere in the

enterprise, and then lets users combine extracted data with other data, reduce...

...footers. Exports report data as Wordstar, WordPerfect, or Microsoft Word mail-merge formats. Includes an **online** context-sensitive help system. Network version available. $295 and up. Reader service #912.

    Front & Center...

...found in several data sources, including Oracle, Microsoft and Sybase SQL Server, Gupta SQLBase, Rdb, **Digital** RMS, and Thompson Software Products' RP/Server and ODB/Server gateways to DB2. Reader service...

...7613

    A report writer for CA-Clipper that provides English ad hoc querying, context-specific **online** help, simple descriptions attached to fields, and data dictionaries. Outputs to printer, text file, form...and WYSIWYG-based, using drag-and-drop, point-and-click, and cut-and-paste tools. **GUI** -based ad hoc **query** formulates and edits SQL transparently. Page styling with watermark, patterns, logos, and color gradient offered...

...with DB2/2 and Oracle drivers, memory manager, presentation driver for SPX, TCP, and IBM **LAN** . Templates and sample projects included. Supports laser and deskjet printers. Client/server edition: $299. Reader...

...phone lists, labels, form letters, reference materials, and corporate annual reports. Reader service #917.

    Intelligent **Query**
    IQ **Software** Corp., Norcross, GA
    404-446-8880; 800-458-0386
    A decision-support tool that provides...royalty-free distribution supporting three application program interfaces (.vbx, DLL, or .exe). Single-user, multiuser **LAN** packs, and site licensing are available. Reader service #924.

    r-tree Report Generator
    FairCom Corp...

...in text form can be modified. Also features the ability to define any number of **virtual** fields, sort by any number of work or data fields, use any number of nested...
...for reports. Works with DOS or mainframe word-processing files, spreadsheets, accounting packages, database packages, **electronic** mail, and ASCII or OCR sources. Features include intuitive marking for periodic reports, expanded graphics...DB2, Informix, dBASE, Rdb, VSAM, IMS, and others via middleware connections such as ODBC, SQL* **Net** , EDA/SQL, and MDI Database Gateway. Allows reuse of existing report templates and also provides...

...or above. Also features a compiler-independent VM system to access up to 64MB of **virtual** memory. Offers compatibility with the DPMI, VCPI, and XMS specifications, allowing protected-mode programs to...external programs. Supports Paradox 4.5 or 5.0 for Windows. Single user: $149; additional **LAN** users: $120. Reader service #947.

    OutFox 2.92 and OutFoxPro 1.30
    Hilco Software, Sebastopol...

...Versions available for Paradox 4.5 or 5.0 for Windows. Single user: $49; additional **LAN** users: $30 each; runtime license: $150. Reader service #954.

    TrueGridPro
    Apex Software Corp., Pittsburgh, PA...

6/3,K/12   (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01714961   Supplier Number: 53026375   (USE FORMAT 7 FOR FULLTEXT)
**Acuity Broadens Web -based Customer Interaction Options With WebCenter
Express.**
PR Newswire, p8802
Sept 28, 1998
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1089

    (USE FORMAT 7 FOR FULLTEXT)
**Acuity Broadens Web -based Customer Interaction Options With WebCenter
Express.**
TEXT:
Cost-effective Customer Service for Ecommerce and **Online** Support
    AUSTIN, Texas, Sept. 28 /PRNewswire/ -- Acuity, the leading provider
of **Web** -based customer relationship management solutions, today announced
WebCenter Express(TM), an application that enables **Web** -centric businesses
to improve ecommerce results and reduce customer service costs. The
software integrates self...

...implement system, allowing a broad range of organizations to offer
effective customer service via the **Web** .
    WebCenter Express provides customers with self-service options
through a searchable, browsable threaded discussion engine...

...market-leading text conferencing and browser screen synchronization
capabilities. Customers access a WebCenter Express-enabled **Web** site from
a standard browser, without downloading and installing additional software.
The product provides a...

...follows Acuity's June release of WebCenter Enterprise(TM) and expands
Acuity's suite of **Web** -based customer interaction applications.
    Additionally, Acuity announced new strategic alliances with
INTERSHOP, Hewlett-Packard Company...

...organizations including artuframe.com, the world's largest art and
framing supergallery, and New Hope **Online** at the Crystal Cathedral, an
online counseling center, have already licensed WebCenter Express.
    "A wider range of businesses can now exploit the benefits of the **Web**
 to connect directly with their customers," noted Dean Cruse, vice
president of marketing for Acuity. "Our solutions increase the value of the
 Web experience for the consumer and directly impact bottom line results
through increased sales. WebCenter Express...
...customer support and ecommerce initiatives. According to Forrester
Research, 67% of browsers who fill up **virtual** shopping carts **online**
abandon their efforts before buying. Acuity solutions specifically address
companies' efforts to improve this "browse-to-buy" ratio. With WebCenter
Express, businesses can now provide live, **Web** -based sales assistance
directly to customers engaged in product research, catalog browsing, and
final order...

...the purchase process. WebCenter Express can also help companies increase
their average sales prices through **online** cross-selling and up-selling
activities, providing a competitive advantage in the battle for ecommerce
...

...path to live help, as needed. Consumers or corporate representatives can
search for answers to **routine   questions** , post **queries** and comments,
and review information in **online** threaded discussions. According to
Forrester Research, **Web** -based self-service solutions can decrease cost
per customer contact by up to 43%. If needed, users can request live
assistance without having to abandon a **Web** site, a crucial option for
companies focused on maintaining loyal customer relationships.
    In either a...
...Express is built on the Acuity Real-Time Enterprise(TM)(RTE) platform, a
proven, stable, **Web** -based architecture for maintaining live **Internet**

                    EKD   March 13, 2003

communication sessions. RTE technology has been licensed by over 2,000 organizations and has demonstrated...

...Express can be upgraded to WebCenter Enterprise. WebCenter Enterprise offers automated email routing and response; **integration** with customer information systems, **knowledge management** applications and computer-telephony **integration** (CTI) software; a complete WebACD(TM) that provides robust, customizable routing of IP-based live...

...over-IP and telephony callback options.
     Broad Customer and Partner Support for WebCenter Express
     Leading **Web** -centric organizations have already licensed WebCenter Express. artuframe.com, the world's largest art and framing supergallery, and New Hope **Online** at the Crystal Cathedral, an **online** counseling center, utilize WebCenter Express to more efficiently sell to and support their customers.
     "artuframe...

...business model is based on providing customized services in conjunction with high quality art products- **online** ," stated William Lederer, artuframe.com president. "Acuity WebCenter Express enables us to provide a live service representative **online** to answer any questions that may arise during our customers' purchase process. We expect to...

...with INTERSHOP, a leading provider of ecommerce solutions; HP, a leading global provider of computing, **Internet** and **intranet** solutions and services; and Verio, a leading hosting-centric ISP. The INTERSHOP agreement is a...

...has joined the HP Covision program, a comprehensive initiative to bring together best-of-breed **Internet** application and channel companies. Verio, which currently hosts 65 of Acuity's customers, will provide...

...With WebCenter, customers now have the option to receive real-time, live assistance during their **online** shopping efforts. We expect WebCenter's interactive technology to help our customers significantly increase browse ...Corporation
     Founded as ichat in 1995, Acuity Corporation is the leading provider of real-time, **Web** -based communication solutions. Acuity's multitier, client/server software is used by more than 2,000 organizations to conduct ecommerce and provide **online** customer support and service. Acuity has received over $20 million in private equity funding and...
...be reached at 512-425-2200, toll free at 888-242-8669, or via the **Web** at http:// **www** .acuity.com.
     (C) 1998 Acuity Corporation. WebCenter Enterprise, WebCenter Express, WebACD, Real-Time Enterprise, are...
PRODUCT NAMES: 7372680 (**Internet** Software)

6/3,K/13   (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2003 The Gale Group. All rts. reserv.

01688618   Supplier Number: 50227068 (USE FORMAT 7 FOR FULLTEXT)
SAS Institute Debuts Enterprise Miner Software On Sun Microsystem's Solaris.
Business Wire, p08051322
August 5, 1998
Language: English   Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 1041

...   quantitative professionals, who must collaborate for successful data mining.
     Distributing data mining results on the **Web**

Enterprise Miner software provides companies with the means not only to find the answers they...

...this context, the Institute's market leading analytic strengths complement Sun's leadership in providing **Web** technologies.
    About SAS Institute
    Now in its 22nd year, SAS Institute is one of the...
...that information in an open and efficient data warehouse structure. To explore that information, SAS **software** includes OLAP, **query** and reporting, EIS, data mining, analysis, data visualization, and application-development interfaces. SAS software is client/server and **Web** enabled. SAS Institute also delivers business solutions that are complete packages for financial consolidation and...

...decades as a recognized leader in data-analysis R&D. SAS Institute consultants offer an **integrated data - mining** solution that builds on an end-to-end data-warehouse infrastructure. Consultants provide tools and ...

...step SEMMA approach for understanding large quantities of corporate data.
    Please visit SAS Institute's **Web** site: http:// **www** .sas.com
    Sun, the Sun logo, Sun Microsystems, Java, Solaris, and The Network Is The...

...CONTACT: SAS Institute Inc.
                Editorial Contacts:
                Beverly Stockstill or Pamela Meek, 919/677-8000
                 http:// **www** .sas.com/newsroom
                or
                Sun Microsystems, Inc.
                Christine Holland, 650/786-4174
                 christine.holland@sun...

 6/3,K/14   **(Item 3 from file: 621)**
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01684920   Supplier Number: 50210495   (USE FORMAT 7 FOR FULLTEXT)
Enterprise Miner Software Rated No. 1 For Second Year.
Business Wire, p07291523   .
July 29, 1998
Language: English   Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 827

...   data mining and other decision-support activities, in many organizations. SAS Institute is the only **data mining** software vendor to provide **integrated data mining** and data warehousing capabilities.
    IT analysts at the META Group also recognize the value of...

...that information in an open and efficient data warehouse structure. To explore that information, SAS **software** includes OLAP, **query** and reporting, EIS, data mining, analysis, data visualization, and application-development interfaces. SAS software is client/server and **Web** enabled. SAS Institute also delivers business solutions that are complete packages for financial consolidation and...
...business, government, and university sites in more than 120 countries.
    Please visit SAS Institute's **Web** site: http:// **www** .sas.com
    SAS is a registered trademark and Enterprise Miner and Warehouse Administrator are trademarks...

...respective companies.

EKD   March 13, 2003

CONTACT: SAS Institute Inc.
Beverly Stockstill or Pamela Meek, 919/677-8000
http:// **www** .sas.com/newsroom

6/3,K/15 **(Item 4 from file: 621)**
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01669065   Supplier Number: 50127423   (USE FORMAT 7 FOR FULLTEXT)
SAS Institute Announces Enterprise Miner Software for UNIX Platforms.
Business Wire, p06291343
June 29, 1998
Language: English   Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 913

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Packard Company's HP-UX in July, IBM's AIX in August, and Compaq's
Digital UNIX during fourth quarter.
...   To register for the seminar, titled "Data Mining for the Financial
Services Industry," visit http:// **www** .sas.com/hp. The Software will also
be on display in July at the National...

...for addressing their business problems.
     For IT, Enterprise Miner software offers the most complete and
integrated   data - mining solution, accessing all corporate data and
implementing a proven data-mining method. The result: organizations...
...decades as a recognized leader in data-analysis R&D. SAS Institute
consultants offer an **integrated   data - mining** solution that builds on
an end-to-end data-warehouse infrastructure. Consultants provide tools and
...

...that information in an open and efficient data warehouse structure. To
explore that information, SAS **software** includes OLAP, **query** and
reporting, EIS, data mining, analysis, data visualization, and
application-development interfaces. SAS software is client/server and **Web**
enabled.
     SAS Institute also delivers business solutions that are complete
packages for financial consolidation and...

...business, government, and university sites in more than 120 countries.
     Please visit SAS Institute's **Web** site: http:// **www** .sas.com. SAS is
a registered trademark and Enterprise Miner and SAS/Warehouse Administrator
are...

...respective companies.

          CONTACT: SAS Institute Inc.
               Beverly Stockstill or Pamela Meek, 919/677-8000
               http:// **www** .sas.com/newsroom

NAICS CODES: 51121 (Software Publishers); 334111 (**Electronic** Computer
   Manufacturing)

6/3,K/16   **(Item 5 from file: 621)**
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01645356   Supplier Number: 48454802   (USE FORMAT 7 FOR FULLTEXT)
SAS Institute Enlists Premier Partners to Deliver Custom CRM Solutions.
Business Wire, p04301393

                         EKD   March 13, 2003

April 30, 1998
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 786

...   quarter 1997 between SAS Institute and Exchange Applications in
Boston. The two companies plan to **integrate** SAS Institute's **data -
mining** software, Enterprise Miner(TM) software, with ValEX, a
campaign-management product from Exchange Applications. The...

...that information in an open and efficient data warehouse structure. To
explore that information, SAS **software** includes OLAP, **query** and
reporting, EIS, data mining, analysis, data visualization, and
application-development interfaces. SAS software is client/server and **Web**
enabled. SAS Institute also delivers business solutions that are complete
packages for financial consolidation and...

...business, government, and university sites in more than 120 countries.
    Please visit SAS Institute's **Web** site: http:// **www** .sas.com. SAS is
a registered trademark and Enterprise Miner is a trademark of SAS...

...respective companies.

        CONTACT: SAS Institute Inc.
                   Beverly Stockstill or Pamela Meek, 919/677-8000
                   http:// **www** .sas.com/newsroom

  6/3,K/17   (Item 6 from file: 621)
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01645228   Supplier Number: 48454672   (USE FORMAT 7 FOR FULLTEXT)
**Introducing common ground for business decision makers, analysts and IT -
  SAS Institute's Enterprise Miner software goes production.**
Business Wire, p04301378
April 30, 1998
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 888

  (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...users - business analysts,.quantitative professionals, and IT - and is
the first to address the entire **data   mining** process **within** one
automated solution. It offers the widest range of algorithms in a single
package - decision...
...   for addressing their business problem.
    For IT, Enterprise Miner software offers the most complete and
integrated   data - mining solution, accessing all corporate data and
implementing a proven data-mining method. The result: organizations...

...that information in an open and efficient data warehouse structure. To
explore that information, SAS **software** includes OLAP, **query** and
reporting, EIS, data mining, analysis, data visualization, and
application-development interfaces. SAS software is client/server and **Web**
enabled.
    SAS Institute also delivers business solutions that are complete
packages for financial consolidation and...

...business, government, and university sites in more than 120 countries.
    Please visit SAS Institute's **Web** site: http:// **www** .sas.com SAS is a
registered trademark and Enterprise Miner is a trademark of SAS...

...respective companies.

                        EKD   March 13, 2003

CONTACT: SAS Institute Inc.
            Beverly Stockstill or Pamela Meek, 919/677-8000
            http:// www .sas.com

 6/3,K/18   (Item 7 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01630948   Supplier Number: 48397710   (USE FORMAT 7 FOR FULLTEXT)
**Data Warehousing/Data Mining Leaders NCR and SAS Institute Join to Sponsor
  Eight-City Seminar Series**
PR Newswire, p0401CLW016
April 1, 1998
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1130

...   Attendees will hear from data warehouse pioneers like Bill Inmon,
and learn about the latest **integrated** data warehousing and **data   mining**
 solutions from SAS Institute and our partners NCR and Intel."
      Added Mark Hurd, vice president...

...on the solid foundation of a data warehouse using the Teradata database,
companies can add **integrated   data   mining** applications from our
partner SAS Institute and take advantage of processor technology from
Intel. In...

...8899 (in the U.S.) or 800-397-9744 (in Canada) or register on the **Web**
at: **www** .kivaproductions.com/seminars
      Business Value of Data Warehousing and Data Mining
      Through data warehousing, business...

...that information in an open and efficient data warehouse structure. To
explore that information, SAS **software** includes OLAP, **query** and
reporting, EIS, data mining, analysis, data visualization, and
application-development interfaces. Currently, SAS software...products.
More information on NCR and its products can be found on the World Wide
Web at: http:// **www** .ncr.com
      SAS is a registered trademark of SAS Institute Inc., Cary, NC, USA.
NCR...

...or Elizabeth Berglund of Edelman Worldwide, for NCR, 212-704-4527, or
eberglun@edelman.com/

            / **Web** site: http:// **www** .ncr.com/
            / **Web** site: **www** .kivaproductions.com/
            (NCR)

      CO: NCR Corporation; SAS Institute Inc.
      ST: Ohio
      IN: CPR
      SU:

      MG-JS
      -- CLW016 --
      7527 04/01/98 12:14 EST http:// **www** .prnewswire.com

 6/3,K/19   (Item 8 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01577093   Supplier Number: 48029766   (USE FORMAT 7 FOR FULLTEXT)
**NCR and SAS Institute Worldwide Alliance to Deliver Integrated Suite of
  Data Warehouse/Mining Solutions.**

                        EKD   March 13, 2003

...   And, customer benefit is what this alliance is all about."
    NCR and SAS Institute will **integrate** SAS data management software
and **data   mining** , data extraction and transformation tools into NCR's
data warehouse solutions, to enhance the value...

...NCR's lead integrated software tools partner; -- SAS Institute
professional services will participate in NCR **data   mining** projects; --
Integrated sales and support for both companies' products; -- NCR and SAS
will participate in joint marketing...

...Data Warehousing/Data Mart consulting, Business/Information Discovery,
Logical and Physical Database design, Transformation, System **Integration** ,
Knowledge   Discovery and Model Development, **Data   Mining** and
Analytical Application, and Project Management. -O- NCR & SAS Company
Background Information:
    About SAS Institute...

...that information in an open and efficient data warehouse structure. To
explore that information, SAS **software** includes OLAP, **query** and
reporting, EIS, data mining, analysis, data visualization, and
application-development interfaces. SAS software is client-server and **Web**
enabled. SAS Institute also delivers business solutions that are complete
packages for financial consolidation and...

...000 business, government, and university sites in more than 120
countries. Visit the SAS Institute **Web** site at: **www** .sas.com.
    About NCR Data Warehousing Solutions
    For almost two decades, companies around the world...being enhanced to
support complex data types and user-defined objects. Visit the NCR Teradata
web site at http:// **www** .teradata.com
    About NCR
    NCR (NYSE:NCR) is the leader in delivering commercial open computer...

...employees in more than 130 countries. More information about NCR can be
found at: http:// **www** .ncr.com -O-
    Note to Editors: SAS is a registered trademark of SAS Institute Inc...

...4527
                eberglun@edelman.com
                  or
                SAS Institute
                Wally Maczka or Pamela Meek
                (919) 677-8000
                www .sas.com

 6/3,K/20   **(Item 9 from file: 621)**
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01569057   Supplier Number: 47969717   (USE FORMAT 7 FOR FULLTEXT)
Sun, Deloitte & Touche, SAS Institute Introduce Growth Solution.
Business Wire, p9100030
Sept 10, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1259

...   and managing growth strategies and tactics.
    The Growth Solution provides an integrated technology platform that

                        EKD   March 13, 2003

incorporates consulting services, data warehousing, **data mining** and decision support capabilities, Java(tm)-based **Web** technologies and systems integration.
        "The successful retail bank of the future has to understand, based...

...Channels
        The Growth Solution ties every transaction, regardless of delivery channel (including ATMs, kiosks and **web** -based home banking) to an account, allowing financial services organizations to easily determine which customers...
...curves that allow a retail bank to prioritize investments in alternative channels without missing opportunities.
        Web -Based Solutions
        The Growth Solution framework provides for a **Web** -based data warehouse, providing remote access to important customer information. The data warehouse, for example...

...remote workstations can extract data and special reports via Java requests sent over the corporate **intranet** .
        Additionally, companies can integrate the Growth Solution with the World Wide **Web** to connect to Deloitte Consulting's research website for studies, reports and hotlinks to financial...

...hardware, software and services for establishing enterprise-wide intranets and expanding the power of the **Internet** . With more than $8.5 billion in annual revenues, Sun can be found in more than 150 countries and on the World Wide **Web** at **www** .sun.com
        About SAS Institute
        Now in its 21st year, SAS Institute is one of...that information in an open and efficient data warehouse structure. To explore that information, SAS **software** includes OLAP, **query** and reporting, EIS, data mining, analysis, data visualization, and application-development interfaces. SAS software is client/server and **Web** enabled.
        SAS Institute also delivers business solutions that are complete packages for financial consolidation and...

...or registered trademarks of their respective companies.

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                  www .dttus.com
                    -or-
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                 David Bailey
                 (415) 786-4007
                  www .sun.com
NAICS CODES: 334111 (**Electronic** Computer Manufacturing)

 6/3,K/21   (Item 10 from file: 621)
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01517389   Supplier Number: 47290452   (USE FORMAT 7 FOR FULLTEXT)
Nestor Acquires Cyberiad Software; Internet **Tools for On-Line Commerce**
PR Newswire, p0411NYF009
April 11, 1997
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 551

                            EKD   March 13, 2003

(USE FORMAT 7 FOR FULLTEXT)

Nestor Acquires Cyberiad Software; Internet **Tools for On-Line Commerce**
TEXT:

...Nestor, Inc. common stock. Cyberiad Software is a maker of advanced text retrieval tools for **Internet** and **intranet** applications. Cyberiad Software has been making and marketing intelligent text search and analysis software for the office productivity and **intranet** marketplace for the past 18 months. Its product line, CyberFTS is a tool designed to...

Cyberiad Software represents a strategic fit for Nestor's InterSite **electronic** marketing solution," said David Fox, Nestor's President and CEO. "InterSite links a client company's **online** and off-line data by mining legacy sources of transaction and demographic information as well...

...has developed industry-leading expertise in the analysis and recognition of full-text messages in **Internet / intranet** commerce," said Jeffrey Pflum, Vice President and principal architect of Cyberiad Software. "This is a key technology for understanding the needs and goals of members of the **online** community. Nestor is the leading provider of intelligent data-mining solutions and we believe that with Cyberiad's technology Nestor will be able to provide new solutions to the **Web** marketplace."

Dr. Fox added, "We are particularly pleased that Jeff Pflum has joined our new Nestor Interactive subsidiary to implement our flagship product, InterSite. Jeff's broad experience in **Internet** applications and tools complements Nestor's pattern-recognition expertise."

Nestor's InterSite analyzes a company...

...segments best matched to its available product and service offerings. Visitors to the company's **Web** site are then offered content which matches their profile. InterSite captures **Web** activity and trains Nestor's neural network market models dynamically, as the client relationship develops. InterSite supports anonymous guest and subscription visitors to a company's **Web** site.

Any future **inquires** related to Cyberiad **Software** Inc., or its products, should be directed to Nestor, Inc. at 401-331-9640. Information previously found at the Cyberiad Software **Web** site, http:// **www** .cyberiadsoft.com, will be transitioned to the Nestor, Inc. **Web** site, http:// **www** .nestor.com.

Nestor, Inc., headquartered in Providence, R.I. is a leading provider of intelligent decision-support solutions for the financial services industry. Nestor's client/server products **incorporate** innovative **pattern - recognition** technologies ideally suited for data-intensive, mission-critical decision applications in real-time environments. The...

...credit, debit, retail and corporate card fraud, as well as merchant fraud; database marketing; and **Internet** customer support applications. Nestor's patented technology is also being applied to intelligent decision applications...

...traffic management and intelligent character recognition. More information can be obtained via the company's **Web** site.

SOURCE Nestor Interactive, Inc.

-0-   4/11/97
/CONTACT: Judy Sweeney or K.C...

...CPR MLM
SU: TNM

DO-AK
-- NYF009 --
8709 04/11/97 09:22 EDT http:// **www** .prnewswire.com
PRODUCT NAMES: 7372680   (**Internet** Software); 7372703   (Computer Systems Analysis (Contract))

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6/3,K/22   (Item 11 from file: 621)
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01410653   Supplier Number: 46582214   (USE FORMAT 7 FOR FULLTEXT)
Business Objects Reports Second Quarter Results; Restates First Quarter.
Business Wire, p07300262
July 30, 1996
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1827

...   61% compared to revenues of $13.6 million for the quarter ended
June 30, 1995. **Net** income for the second quarter was $1.9 million
compared to $1.5 million for...

...quarter revenues were $18.8 million compared to the $20.2 million
previously reported. Restated **net** income was $1.8 million and restated
earnings per ADS were $0.10, compared to previously reported first quarter
net income of $2.5 million and earnings per ADS of $0.15.
     All per ADS...

...We launched an Open Data Mining Initiative, becoming the first decision
support tools vendor to **integrate** a wide range of **data   mining**
solutions with our product offering. Partners in the initiative include
ANGOSS Software, DataMind, IBM, ISoft, RIS, SGI, and SPSS.
     -- **Internet** . BusinessObjects 4.0 will be enabled for the **Internet** ,
allowing customers to perform database and data warehousing publishing via
the World Wide **Web** .
     -- Starter kit for SAP R/3. Business Objects will provide a starter
kit for SAP...

...to-use query tool even easier.' Key competitive differentiators noted
were overall ease of use, **internet** -ready reporting, and complete OLAP
capabilities.
     "In addition, Computergram, a UK-based newsletter, recently reported
...

...period ended March 31, 1996.
     Business Objects is the world's leading supplier of integrated **query**
, reporting, and OLAP **software** tools. The company's flagship product,
BusinessObjects, provides mainstream business users with access to
information...

...Informix, Microsoft, Oracle, PeopleSoft, Prism, Red Brick, SAP, Sun, and
Sybase. Strategic resellers include Bull, **Digital** , Fujitsu, ...Toshiba,
and Unisys.
     More information on Business Objects can be found on the World Wide
Web at http:// **www** .businessobjects.com. -0-

                    Business Objects S.A.
          Condensed Consolidated Statements Of Operations
               (In thousands, except...

...31,855   19,561
     Income from operations   2,415   1,562   4,572   3,111
     Net interest income and other   629   635   1,262   916
     Income before provision
       for income taxes...

...5,834   4,027
     Provision for income taxes   (1,126)   (725)   (2,164)   (1,330)
     Net income $ 1,918 $ 1,472 $ 3,670 $ 2,697

     Net income per share & ADS $ 0.11 $ 0.09 $ 0.21 $ 0.16

                    EKD   March 13, 2003

```
Shares & ADS's used in
 calculation of  net  income
 per share & ADS              17,271    16,698    17,081    16,696
```

<div style="text-align:center">Business Objects S...</div>

```
...a)
    Assets
    Current assets:
       Cash and short-term investments     $40,803        $46,702
       Accounts receivable,  net            21,341         17,174
       Other current assets                  3,006          2,793
    Total current assets                    65,150         66,669

    Property and equipment,  net             8,070          3,961
    Deposits and other                         581            383
    Total assets                           $73,801        $71,013...
```

```
...14,715      14,885      9,034
    Income from operations               2,158      3,319      1,548
     Net   interest income and other       632        632        282
    Income before provision for
     income taxes                        2,790      3,951      1,830
    Provision for income taxes          (1,038)    (1,468)      (605)
     Net   income                        1,752      2,483      1,225

     Net   income per share and ADS      $0.10      $0.15      $0.07
    Shares & ADS's used in
     calculation of  net  income per
     share & ADS                        17,012     17,012     16,698
```

<div style="text-align:center">Business Objects S.A.
Condensed...</div>

```
...Current assets:
       Cash and short-term investments    $51,389    $51,389    $46,702
       Accounts receivable,  net           13,578     15,202     17,174
       Other current assets                 3,089      3,089      2,793
    Total current assets                   68,056     69,680     66,669

    Property and equipment,  net            5,096      5,096      3,961
    Deposits and other                        561        561        383
    Total assets                          $73...
```